

BILL NO. S-72-09-15

SPECIAL ORDINANCE NO. S-86-72

AN ORDINANCE approving a Contract with
WALKER PROCESS EQUIPMENT for furnishing
Clarifier Mechanism.

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT
WAYNE, INDIANA:

SECTION 1. The contract dated June 28, 1972, between
the City of Fort Wayne, by and through its Mayor and the Board of
Public Works, and WALKER PROCESS EQUIPMENT for:

Contract 72-W-1 for furnishing Clarifier
Mechanism in connection with Water Works
Improvement Project in the amount of
\$41,774.00.

all as more specifically set forth in contract, which is on file
in the office of the Board of Public Works and is by reference
incorporated herein and made a part hereof, is hereby in all
things ratified, confirmed and approved.

SECTION 2. This Ordinance shall be in full force and
effect from and after its passage and approval by the Mayor.


Councilman

APPROVED AS TO FORM
AND LEGALITY.


CITY ATTORNEY

Read the first time in full and on motion by Moses seconded by Hinga and duly adopted, read the second time by title and referred to the Committee on Public Works. (and to the City Plan Commission for recommendation) (and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on the _____ day of _____ 19____, at _____ o'clock P.M., E.S.T.,

Date: 9-26-72

Charles W. Westerman
CITY CLERK

Read the third time in full and on motion by Moses seconded by Hinga and duly adopted, placed on its passage. Passed (~~Lost~~) by the following vote:

	AYES <u>9</u>	NAYS <u>0</u>	ABSTAINED _____	ABSENT _____	to-wit:
Burns	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hinga	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Kraus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Nuckols	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Moses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Schmidt, D.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Schmidt, V.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stier	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Talarico	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Date 10-10-72

Charles W. Westerman
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana as (~~Zoning~~ Map)-(General)-(Annexation) (Special) (Appropriation) Ordinance (Resolution) No. 186-72 on the 10th day of October, 19 72.

ATTEST: (SEAL)

Charles W. Westerman
CITY CLERK

PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 10th day of October, 19 72 at the hour of 9:40 o'clock A. M., E.S.T.

Charles W. Westerman
CITY CLERK

Approved and signed by me this 10th day of October, 19 72 at the hour of 10:40 o'clock A. m., E.S.T.

John A. Brandt
MAYOR

Bill No. S-72-09-15

REPORT OF THE COMMITTEE ON PUBLIC WORKS

We, your Committee on Public Works to whom was referred an Ordinance
approving a Contract with WALKER PROCESS EQUIPMENT for
furnishing Clarifier Mechanism.

have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance Do PASS.

Winfield G. Moses, Jr. - Chairman

William T. Hinga - Vice-Chairman

Samuel J. Talarico

Eugene Kraus, Jr.

Donald J. Schmidt

Winfield G. Moses, Jr.
William T. Hinga
Samuel J. Talarico

DATE 10-10-72 CONCURRED IN
CHARLES W. WESTERMAN, CITY CLERK



THE CITY OF FORT WAYNE

board of public works
City-County Building
Fort Wayne, Indiana 46802

58-307-15
September 19, 1972

Mr. David B. Keller
City Attorney
825 Anthony Wayne Bank Building
Fort Wayne, Indiana 46802

Dear Mr. Keller:

Please prepare an Ordinance to be introduced in the Common Council Tuesday, September 26, 1972, for the following:

CONTRACT with WALKER PROCESS EQUIPMENT for furnishing Clarifier Mechanism in connection with Water Works Improvement Project - Contract 72-W-1 in the amount of \$41,774.00.

Yours truly,

Jerry D. Boswell
Ronald L. Bonar
William G. Williams
BOARD OF PUBLIC WORKS

Enc. copy of contract

/rs

CITY OF FORT WAYNE, INDIANA

WATER WORKS IMPROVEMENTS

Contract 72-W-1

Clarifier Mechanisms

ADVERTISEMENT
INSTRUCTIONS TO BIDDERS
PROPOSAL
AGREEMENT
BOND
AND
SPECIFICATIONS

Ivan A. Lebamoff, Mayor

Board of Public Works

Dr. J.D. Boswell, Chairman

Mr. R.L. Bonar

Mr. W.G. Williams

Edna I. Smith, Clerk of Board of Works

McNamee, Porter and Seeley
Consulting Engineers
Ann Arbor, Michigan

May, 1972



Telegram

547P EST JUN 6 72 DEA225

SSG227 DE CCH236 (CH 15000 618236) PD WALKERFROO ARA

0526P EDT06/06/72

ZCZC 15 PD AURORA ILL

BOARD OF PUBLIC WORKS

CITY HALL FORT WAYNE INDIANA

BT

PROPOSAL FOR CLARIFIER MECHANISMS CONTR NO 72-V-1

ADDENDUM NO 1 SIGNED AND IN MAIL JUNE 6TH.

JOHN R SPERRY

WPE TLX 720430

NNNN (0528P-EDT)

RECEIVED
JUN 9 1972

McNAMEE, PORTER & SEELEY
BY _____

BOARD OF PUBLIC WORKS
RECEIVED
JUN 07 1972

423-7524

CITY OF FORT WAYNE, INDIANA
WATER WORKS IMPROVEMENTS

Contract 72-W-1
Clarifier Mechanisms

Addendum No. 1
May 31, 1972

To Prospective Bidders:

Information disclosed and/or questions raised since issuing planning documents to bidders require that changes in or interpretations of these documents be made as follows:

INSTRUCTIONS TO BIDDERS

Page v. The bidder's attention is directed to the paragraph entitled "QUESTIONNAIRE AND FINANCIAL STATEMENT." It will be required by the City of Fort Wayne, Indiana that the bidder fully comply with the requirements of this paragraph.

PROPOSAL

Page viii. Change the fourth paragraph to read as follows:

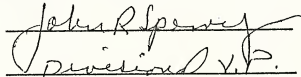
The undersigned hereby agrees that, if this foregoing proposal shall be accepted by the Owner, he will complete delivery of the equipment under this contract by December 1, 1972.

AGREEMENT

Page xiii. ARTICLE 2. TIME. Change this paragraph to read as follows:

It is agreed that the Contractor will begin fabrication of the equipment to be furnished under this Contract upon receipt of written notification to proceed from the Engineer and that he will prosecute the work in such a manner as to complete delivery by December 1, 1972 unless such time limits are advanced in accordance with the provisions of Article 3, herein; the time of beginning, rate of progress and date of completion being considered as essential elements of the Contract.

I, we WALKER PROCESS certify that I, We have read Addendum No. 1 dated May 31, 1972 and that the bid as submitted embraces the changes described in the addendum.


Division V.P.
Bidder

NOTE: Bidder shall sign addendum and submit same with bid

This Addendum Consists of: 1 page of text

McNAMEE, PORTER and SEELEY

June 6, 1972

WALKER PROCESS EQUIPMENT

840 N. RUSSELL AVE.

WALKER PROCESS

AURORA, ILLINOIS 60506

DIVISION OF CHICAGO BRIDGE & IRON COMPANY

June 2, 1972

Board of Public Works
City Hall
Fort Wayne, Indiana 46802



Subject: Proposal For Clarifier
Mechanisms
Contract No. 72-W-1

Gentlemen:

Enclosed are completed documents in accordance with McNamee, Porter and Seeley's specifications for Contract No. 72-W-1.

The documents include a certificate authorizing signature, a bid bond, a financial statement, an experience affidavit and a circular collector installation list. We trust that this material is in order.

If we are successful in obtaining this order we will look forward to a successful installation for all parties concerned.

Very truly yours,

WALKER PROCESS DIVISION OF
CHICAGO BRIDGE & IRON COMPANY

John R. Sperry
John R. Sperry
Divisional Vice President

/lm
Encls.

I, A. W. Nelson do hereby certify that I am the Asst. Secretary of CHICAGO BRIDGE & IRON COMPANY, an Illinois corporation, and that as such officer I am duly authorized to make this certificate in behalf of that corporation.

I further certify that a meeting of the Board of Directors of Chicago Bridge & Iron Company was duly called and was held in accordance with the by-laws of that corporation on February 1, 1972, and at that meeting a quorum was present throughout the meeting and the following resolution was unanimously adopted:

RESOLVED, that any one of the following, namely: the Chairman of the Board, the President or any vice-president of Chicago Bridge & Iron Company, or the Divisional President, any Divisional Vice-President, Branch Office Manager, Sales Manager or Contracting Engineer of Walker Process Equipment Division of Chicago Bridge & Iron Company shall be and each of them is hereby authorized to sign in the name and on behalf of Chicago Bridge & Iron Company bids, proposals, non-collusion certificates (with respect to which Chicago Bridge & Iron Company shall be subject to the provisions of any law prescribing penalties for inaccuracy or misstatement), bonds and contracts for materials to be furnished or work to be done by Chicago Bridge & Iron Company and also to sign other documents required in connection therewith.

I further certify that the foregoing resolution is in full force and effect and that John R. Sperry is a Divisional Vice-President of Walker Process Equipment Division of Chicago Bridge & Iron Company and is a contracting engineer/~~XXXXXXXXXXXXXXXXXXXX~~ of Walker Process Equipment Division of Chicago Bridge & Iron Company.

This certificate shall remain in full force and effect for ninety days from the date it bears, unless sooner revoked, but no such revocation shall be effective as to anyone dealing with any individual named in this certificate in reliance hereon unless written notice of such revocation has been received by the person so relying on this certificate.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of Chicago Bridge & Iron Company this 7th day of June, 1972.



JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INSTD.	ENGINEERS
Harlan, Ia.	2	RP	30' dia. x 7' s.w.d.	1950	Howard R. Green Co.
Crucible Steel Midland, Pa.	1	R	50' dia. x 16' s.w.d.	1951	Cedar Rapids, Ia. Crucible Steel Co.
Johnson County, Kas. Mission Township Aurora, Colo.	1	R	65' dia. x 5' s.w.d.	1952	Black & Veatch Kansas City, Mo.
	1	RP	90' dia. x 9'3" s.w.d.	1952	Phillips-Garter-Osborn, Inc., Denver, Colo.
	1	R	90' dia. x 9'3" s.w.d.		Harris & Dechant
U. S. Naval Base Philadelphia, Pa.	2	R	80' dia. x 13' s.w.d.	1952	Philadelphia, Pa.
Chanute, Kas.	1	RP	55' dia. x 9' s.w.d.	1952	Reeves & Schulp
	1	R	55' dia. x 9' s.w.d.		Chanute, Kas.
Oklahoma City, Okla.	2	R	100' dia. x 13'6" s.w.d.	1952	C. E. Bretz Oklahoma City, Okla.
Clarksville, Ark.	1	R	50' dia. x 22'9" s.w.d.	1953	M. L. Crist Assoc. Little Rock, Ark.
Corvallis, Ore.	1	RP	85' dia. x 9' s.w.d.	1953	Cornell, Hawland, Hayes & Merryfield Corvallis, Ore.
LaCrosse, Wis.	1	RP	90' dia. x 10' s.w.d.	1953	Jerry Donohue Engr. Sheboygan, Wis.
Kansas State Penitentiary Lansing, Kas.	1	R	43' dia. x 8' s.w.d.	1953	Wilson & Co. Salina, Kas.
Grand Rapids, Mich.	6	RS	100' dia. x 12'6" s.w.d.	1953	Drury, McNamee & Porter Ann Arbor, Mich.
Chisholm, Minn.	1	RP	46' dia. x 10' s.w.d.	1954	Banister Engr. Co. St. Paul, Minn.
Omaha, Neb.	3	R	200' dia. x 20' s.w.d.	1954	Burns & McDonnell Kansas City, Mo.
Clarinda, Ia.	1	R	40' dia. x 7' s.w.d.	1954	Stanley Engr. Co. Muscatine, Ia.
Kalamazoo Paper Co. Kalamazoo, Mich.	1	R	110' dia. x 13' s.w.d.	1954	Kalamazoo Paper Co.
Marshall, Mich.	2	RP	60' dia. x 8' s.w.d.	1954	Hubbell, Roth & Clark Detroit, Mich.
Green Bay, Wis.	2	R	109' x 9' a.w.d.	1954	Jerry Donohue Engr. Co. Sheboygan, Wis.
Kings Mountain, N. C.	2	R & RP	40' dia. x 8' s.w.d.	1955	W. K. Dickson & Co. Charlotte, N. C.
Lee Paper Co. Vicksburg, Mich.	1	R	110' dia. x 15' s.w.d.	1955	Lee Paper Co.
Ladish Malting Co.	1	R	65' dia. x 8'9" s.w.d.	1955	Jerry Donohue Engr. Co. Sheboygan, Wis.
Cass City, Mich.	1	RP	40' dia. x 7' s.w.d.	1955	Hubbell, Roth & Clark Detroit, Mich.
Wapato, Wash.	1	RP	65' dia. x 6'9" s.w.d.	1955	Gray & Osborne Yakima, Wash.
W. C. I. D. # 44 Houston, Tex.	1	R	56' dia. x 4' s.w.d.	1955	R. M. Millwee, Jr. Houston, Tex.
Lawrence, Kas.	2	RP	60' dia. x 10' s.w.d.	1955	Black & Veatch Kansas City, Mo.
San Antonio, Tex.	1	RP	80' dia. x 10' s.w.d.	1956	Irving S. Seligmann San Antonio, Tex.
	1	R	115' dia. x 13' s.w.d.		Wisnibaker, Fix & Assoc.
McKinney, Tex.	1	RP	50' dia. x 10'2" s.w.d.	1956	Tyler, Tex.
Southern Advance Bag & Paper Div. Hodge, La.	1	R	110' dia. x 14'2" s.w.d.	1956	J. E. Sirrine & Co. Greenville, S. C.

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INSTD.	ENGINEERS
Clark Sanitation District -Las Vegas, Nev.	2	R	100' dia. x 7'6" s.w.d.	1956	Perlier & Soring 448 S. Hill St. Los Angeles 13, Calif.
Guthrie, Okla.	1	R	60' dia. x 15'6" w.d.	1956	C. E. Bretz Oklahoma City, Okla.
Woodstock, Ont.	1	R	60' dia. x 12' s.w.d.	1956	Col. W. M. Veitch RR 4, London, Ont. Can.
Salina, Kas.	1	R	80' dia. x 12' s.w.d.	1956	Wilson & Co. Salina, Kas.
S. D. Warren Co. Central Mill Muskegon, Mich.	1	RP	75' dia. x 13'2"	1956	J. E. Sitrine Co. Greenville, S. C.
Paducah, Ky.	2	RP	190' dia. x 10' s.w.d.	1956	Black & Veatch Kansas City, Mo.
Toronto, Can.	1	RP	70' dia. x 7' s.w.d.	1956	City of Toronto
Denton, Tex.	2	RX	80' dia. x 13' s.w.d.	1956	Freeze & Nichols Ft. Worth, Tex.
Howe Leather Co. Boyer City, Mich.	1	RP	50' dia. x 14' s.w.d.	1956	
London, Ont.	1	R	50' dia. x 10' s.w.d.	1957	City of London
Urbana-Champaign Sanitary District Urbana, Illinois	1	RP	110' dia. x 10' s.d.	1957	Wilson & Anderson Champaign, Ill.
D. M. Bare Paper Co. Roaring Springs, Pa.	1	R	80' dia. x 12' s.w.d.	1957	D. M. Bare Paper Co.
DeKalb, Ill.	1	RP	50' dia. x 7' s.w.d.	1957	Baxter & Woodman Crystal Lake, Ill.
Lebanon, Ind.	1	R	56' dia. x 7' s.w.d.	1957	P. J. Kleiser & Assoc. Terre Haute, Ind.
Charleston, Ill.	1	RS	55' dia. x 6' s.w.d.	1957	Warren & Van Praag Decatur, Illinois
Imperial Oil Co. Ltd. Winnipeg, Manitoba	1	RP	35' dia. x 8' s.w.d.	1957	Imperial Oil Co.
Sewickley, Pa.	1	RPS	45' dia. x 7' s.w.d.	1958	Morris Knolls, Inc. Pittsburg, Pa.
Clarinda, Ia.	1	RS	60' dia. x 8' s.w.d.	1958	Burns & McDonnell Engr. Co. Kansas City, Mo.
Indian Creek Sub District #1 Johnson Co., Kas.	1	RP	50' dia. x 11' s.w.d.	1958	Black & Veatch Kansas City, Mo.
Shell Chemical Corp. Deer Park, Tex.	1	RP	60' dia. x 7' s.w.d.	1958	Shell Chemical Corp.
Alexandria, Ind.	1	RSP	85' dia. x 10' s.w.d.	1958	Chas. W. Cole & Sons South Bend, Ind.
Austin, Tex.	1	RS	40' dia. x 9' s.w.d.	1958	City of Austin
Atlanta, Ga.	2	RP	40' dia. x 9' s.w.d.	1958	Wiedeman & Singleton Atlanta, Ga.
Corpus Christi, Tex.	3	R	2:85' dia. x 10' s.w.d.	1958	Ragen & McCaughan Greeley & Hansen Chicago, Ill.
Yonkers, N. Y.	2	RS	91'6" x 190' x 13'6" s.w.d.	1958	Henningson, Durham & Richardson. Omaha, Neb.
Beatrice, Neb.	1	RP	65' dia. x 10' s.w.d.	1958	Williams & Works Grand Rapids, Mich.
Freemont, Mich.	1	RS	45' dia. x 9' s.w.d.	1958	Millwee & Assoc. Bellaire, Tex.
Deer Park, Tex.	1	R	56' dia. x 5'3 1/2" s.w.d.	1958	Black & Veatch Kansas City, Mo.
Emporia, Kas.	1	RS	50' dia. x 15' s.w.d.	1958	Henningson, Durham & Richardson. Omaha, Neb.
Holdrege, Neb.	1	R	45' dia. x 7' s.w.d.	1958	

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INSTD.	ENGINEERS
McAllen, Tex.	1	RPS	40' dia. x 10'2" s.w.d.	1958	J. B. Winston
	1	RS	75' dia. x 10'2" s.w.d.		Mercedes, Tex.
Temple, Tex.	1	RSP	58' dia. x 8'10" s.w.d.	1958	Freese & Nichols
	1	RSP	58' dia. x 11'4" s.w.d.		Ft. Worth, Tex.
Ridgewood, N. J.	2	RS	75' dia. x 9'6" s.w.d.	1958	Daniels & Capen
					Newfoundland, N. J.
Lexington, Neb.	1	RPS	55' dia. x 8' s.w.d.	1958	Fulton & Cramer
	1	R	45' dia. x 7'		Lincoln, Neb.
Dickinson, Tex.	1	RSP	43' dia. x 10' s.w.d.	1959	C.R. Hoile & Assoc., Inc.
WCID #1					Houston, Tex.
North Bay, Ont.	2	RSX	60' sq. x 11' s.w.d.	1960	G. Reid & Assoc. Ltd.
					Toronto, Ont.
Alliance, O.	2	RSPX	50' x 50' x 10'6" s.w.d.	1959	Floyd G. Browne & Assoc.
					Marion, O.
Almo, Mich.	1	RSP	55' dia. x 7' s.w.d.	1959	Williams and Works
					Grand Rapids, Mich.
Hopewell, Va.	2	RPS	50' dia. x 10'6" s.w.d.	July 1960	R. Stuart Royer & Assoc.
					Richmond, Va.
Moline, Ill.	2	RSP	40' dia. x 7' s.w.d.	1959	Stanley Engr. Co.
					Muscatine, Ia.
Mahoning Valley Sanitary District	2	RS	95' x 95' x 13'7 1/2" s.w.d.	1959	Parsons, Brinckenhoff
Mineral Ridge, O.					Hall & MacDonald
Hyattsville, Md.	2	RS	75' x 75' x 17'6" s.w.d.	1959	N. Y. City
					Whitman, Requardt & Assoc.
Aston Twp., Pa.	2	RSP	55' dia. x 8'9" s.w.d.	1959	Baltimore, Md.
	2	RS	55' dia. x 7' s.w.d.		Glance & Grace
Austin, Tex.	1	RSP	75' dia. x 11' s.w.d.	1960	Harrisburg, Pa.
					Marvin Turner
Pratt, Kas.	2	RSP	35' dia. x 9' s.w.d.	1960	Austin, Tex.
	2	RS	35' dia. x 9' s.w.d.		Wilson & Co.
North Olmsted, O.	2	RSX	50' sq. x 11'3" s.w.d.	1960	Salina, Kas.
					F. G. Browne & Assoc.
Longmont, Col.	1	RSP	85' dia. x 8' s.w.d.	1960	Marion, Ohio
	1	RS	80' dia. x 7' s.w.d.		Harold Hoskins & Assoc.
Austin, Tex.	3	RS	1@27'1" x 99' x 21' s.w.d.	1961	Greeley, Col.
Bensenville, Ill.	1	RS	65' dia. x 8' s.w.d.	1960	City of Austin, Tex.
					Alvord, Burdick & Howser
Decatur, Ill.	1	RS	75' dia. x 6' s.w.d.	1960	Chicago, Ill.
					Warren & VanProag
Battle Creek, Mich.	1	RSP	80' dia. x 11'2" s.w.d.	1961	Decatur, Ill.
	3	RS	95' dia. x 9' s.w.d.		Malcom Pirnie
Decatur, Ga.	1	RSP	60' dia. x 7'6" s.w.d.	1961	New York, N. Y.
	1	RS	60' dia. x 7'6" s.w.d.		Robert & Co.
Paw Paw, Mich.	1	RSP	55' dia. x 7' s.w.d.	1960	Atlanta, Ga.
					Williams & Works
Whippany, N. J.	1	RSP	65' dia. x 8'6" s.w.d.	1961	Grand Rapids, Mich.
	1	RS	50' dia. x 8' s.w.d.		Elson T. Killam Assoc.
High Point, N. C.	2	RSP	80' dia. x 8'10" s.w.d.	1961	Milburn, N. J.
	2	RS	80' dia. x 8'10" s.w.d.		Wm. F. Freeman, Inc.
Greenville, N. C.	2	RSP	70' dia. x 10' s.w.d.	1961	High Point, N. C.
	2	RS	60' dia. x 8' s.w.d.		Wm. F. Freeman, Inc.
Johnstown, O.	1	RSP	44' dia. x 7' s.w.d.	1961	High Point, N. C.
	1	RS	44' dia. x 7' s.w.d.		Evans, Mechwart
					Hambleton & Tilton
Wayne Co., Mich.	2	RS	150' dia. x 11' s.w.d.	1961	Gahanna, Ohio
					Giffells & Rossetti
					Detroit, Mich.

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INST.	ENGINEERS
San Antonio, Tex.	1	RSP	100' dia. x 10'6" s.w.d.	1961	Irving S. Seligmann
	1	RS	130' dia. x 11'6" s.w.d.		San Antonio, Tex.
Highland Falls, N. Y.	1	RSP	26' dia. x 8'3" s.w.d.	1961	Bowe Albertson Assoc.
					New York, N. Y.
Leavenworth, Kas.	2	RSP	80' dia. x 6'6" s.w.d.	1961	Truman Schlup
					Kansas City, Kas.
Grand Rapids, Mich.	4	RSPX	80' x 10.5' s.w.d.	1961	City Engrs.
Frederick, Md.	1	RSX	54' x 45' x 10'6" s.w.d.	1961	Whitman, Requardt & Assoc.
					Baltimore, Md.
Lawrenceville, Ill.	1	RSP	45' dia. x 9' s.w.d. x 14'3" c.w.d.	1961	Paul Kleiser & Assoc.
	1	RS	28' dia. x 11' s.w.d.		Terre Haute, Ind.
F.W.S.D. #51	1	RSP	32' dia. x 15'3" s.w.d.	1961	R. M. Atkinson & Assoc.
Harris Co., Houston, Tex.	1	RS	56' dia. x 5'3 1/2"		Houston, Tex.
Stone Container Corp.	1	RS	55' dia. x 11' s.w.d.	1961	Anthony J. Palladino
Franklin, O.					Kalamazoo, Mich.
Massillon, O.	2	RSPX	50' x 50' x 10' s.w.d.	1962	Floyd G. Browne & Assoc.
					Marion, O.
So. Davis Co.	2	RSP	55' dia. x 7' s.w.d.	1961	Henningson, Durham & Richardson
Bountiful, Ut.	2	RS	80' dia. x 7' s.w.d.		Colorado Springs, Colo.
Clinton, Ill.	1	RS	50' dia. x 7' s.w.d.	1962	Warren & VanPraag
					Decatur, Ill.
Brawley, Calif.	1	RSP	50' dia. x 9' s.w.d.	1962	Neuman Engrs. & Science Inc., Arcadia, Calif.
Round Lake, Ill.	1	RS	55' dia. x 8' s.w.d.	1962	Thacker Engr.
					Waukegan, Ill.
Mason City, Ia.	2	RSP	65' dia. x 8' s.w.d.	1962	Black & Veatch
	1	RS	80' dia. x 8' s.w.d.		Kansas City, Mo.
Leucadia County Water Dist.	1	RSP	35' dia. x 9' s.w.d.	1962	Engineering Service
San Diego, Cal.					Arcadia, Cal.
Hinsdale, Ill.	1	RS	80' dia. x 10' s.w.d.	1962	Alvard, Burdick & Howson
					Chicago, Ill.
Marumca Creek	1	RSP	70' dia. x 10' s.w.d.	1962	Johnson & Williams
Woodbridge, Va.	1	RS	40' dia. x 7' s.w.d.		Washington, D. C.
Northeast Sacramento County, Cal.	1	RSP	85' dia. x 7'11" s.w.d.	1962	Dewante & Stowell
					San Francisco, Cal.
Loveand, Col.	2	RSP	78' dia. x 7'9" s.w.d.	1962	Phillips, Carter, Osborn Inc., Denver, Col.
Kaplan, La.	1	RSP	60' dia. x 7' s.w.d.	1962	Framherz Engrs.
					New Orleans, La.
Natomas Sewer District	1	RSP	85' dia. x 9' s.w.d.	1962	Dewante & Stowell
Sacramento Co., Cal.					San Francisco, Cal.
Crystal City, Tex.	1	RSP	40' dia. x 10'2" s.w.d.	1962	Joe B. Winstan
	1	RS	60' dia. x 10'2" s.w.d.		Mercedes, Tex.
Ames, Ia.	1	RS	70' dia. x 12' s.w.d.	1962	City Engrs.
Rusk, Tex.	1	RSP	65' dia. x 10' s.w.d.	1962	Wisenbaker, Fix & Assoc.
	1	RS	65' dia. x 10' s.w.d.		Tyler, Tex.
Sacramento, Cal.	1	RSX	78' x 78' x 6'3 1/2" s.w.d.	1962	James Montgamery
					Pasadena, Cal.
Denton, Tex.	1	RSP	55' dia. x 7' s.w.d.	1962	Freese, Nichols & Endress
	1	RS	65' dia. x 12' s.w.d.		Fort Worth, Tex.
Council Bluffs, Ia.	3	RSP	90' dia. x 6'8" s.w.d.	1962	Henningson, Durham & Richardson
					Omaha, Neb.
Milton, Tenn.	1	RSP	65' dia. x 9' s.w.d.	1962	Allen & Hoshall
	1	RS	65' dia. x 9' s.w.d.		Memphis, Tenn.
Abilene, Kas.	2	RSP	40' dia. x 9' s.w.d.	1963	Wilson & Co.
	2	RS	40' dia. x 9' s.w.d.		Salina, Kas.

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INSTD.	ENGINEERS
Fort Worth, Tex.	4	RSP	80' dia. x 7' s.w.d.	1963	Freeze, Nichols and
	3	RS	95' dia. x 10' s.w.d.		Endress. Ft. Worth, Tex.
Prince William Co., Va.	1	RSP	50' dia. x 11' s.w.d.	1963	Johnson & Williams
	1	RS	50' dia. x 7' s.w.d.		Washington, D. C.
Wheaton, Ill.	2	RS	64' dia. x 9'3" s.w.d.	1963	Baxter & Woodman
					Crystal Lake, Ill.
Banning, Cal.	1	RSP	50' dia. x 7' s.w.d.	1963	Ivor Lyons & Assoc.
	1	RS	65' dia. x 9' s.w.d.		Los Angeles, Cal.
Mission, Tex.	1	RS	75' dia. x 11' s.w.d.	1963	Joe B. Winston
					Mercedes, Tex.
Elgin, Ill.	1	RSP	68' dia. x 8' s.w.d.	1963	Baxter & Woodman &
	1	RSP	50' dia. x 7' s.w.d.		W. A. Rakow & Assoc.
	2	RS	48' dia. x 8' s.w.d.		
Eastern Airlines, Miami Int'l Airport, Fla.	2	RSP	50' dia. x 14'6" s.w.d.	1963	Albert Kahn & Assoc., Inc.
					Detroit, Mich.
Chevrolet-Cleveland Div. Cleveland, O.	1	RSP	65' dia. x 14' w.d.	1963	Albert Kahn & Assoc., Inc.
					Detroit, Mich.
Fairfax Co., Va.	1	RSP	80' dia. x 10'4" s.d.	1963	Massey Engrs.
	1	RSP	65' dia. x 9'1" s.w.d.		Fairfax, Va.
Austin, Tex.	2	RSP	85' dia. x 10' w. d.	1963	City Engineers
Pierre, S. D.	2	RSP	40' dia. x 6' w. d.	1963	Henningson, Durham &
					Richardson-Omaha, Ne-
Dickinson, Tex.	1	RSP	35' dia. x 9'3" w.d.	1963	Chas. R. Hall & Assoc.,
	1	RS	35' dia. x 7'3" s.w.d.		Inc., Houston, Tex.
Corpus Christ, Tex.	2	RSP	60' dia. x 8' w.d.	1963	McClendon & Assoc.
	1	RSP	65' x 8' s.w.d.		Corpus Christie, Tex.
	2	RS	70' dia. x 9' s.w.d.		
Stockton, Cal.	1	RSP	80' dia. x 10' s.w.d.	1963	Brown & Caldwell
					San Francisco, Cal.
Caledonia, Minn.	1	RSP	42' dia. x 7'3" s.w.d.	1963	Davy Engr. Co., Inc.
					LaCrosse, Wis.
Yankton, S. D.	2	RSP	45' dia. x 7' s.w.d.	1963	Henningson, Durham &
					Richardson-Omaha, Ne-
Phoenix, Ariz.	3	RSP	140' dia. x 9' s.w. d.	1963	John A. Carrolo
					Phoenix, Ariz.
Mesquite, Tex.	2	RSP	80' dia. x 10' s.w.d.	1964	Homer Hunter & Assoc.
	1	RS	105' dia. x 11' s.w.d.		Dallas, Tex.
Labrobe, Pa.	2	RSP	48' dia. x 8' s.w.d.	1964	The Chester Engrs.
					Pittsburg, Pa.
No. Kansas City, Mo.	2	RSP	90' dia. x 7' s.w.d.	1964	Black & Veatch
					Kansas City, Mo.
Anacortes, Wash.	1	RSP	40' sq. x 10'6" s.w.d.	1964	Stevens & Thompson
					Seattle, Wash.
Plainview, Tex.	2	RSP	50' dia. x 10'	1964	Parkhill, Smith &
	2	RS	50' dia. x 9'		Cooper,
					Lubbock, Tex.
Orangeburg, S. C.	1	RS	70' dia. x 9' s.w.d.	1964	B. P. Barber & Assoc.,
					Columbia, S. C.
Chevrolet Div. GMC Tonawanda, N. Y.	1	RSP	55' dia. x 12'8" s.w.d.	1964	Giffels & Rossetti
Cleburne, Tex.	1	RS	90' dia. x 15' s.w.d.	1964	Detroit, Mich.
					Homer Hunter & Assoc.
					Dallas, Tex.
Harris Co. WCID #56 Houston, Tex.	1	RSP	30' dia. x 9' s.w.d.	1964	Wyatt C. Hedrick Engr.
	1	RS	45' dia. x 6' s.w.d.		Co., Houston, Tex.

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INSTD.	ENGINEERS
Stillwater, Okla.	2	RSP	60' dia. x 8'6" w.d.	1964	Benham Engr. Co. Oklahoma, Okla.
	1	RS	75' dia. x 8'6"		
	2	RS	60' dia. x 8'6"		
New Braunfels, Tex.	1	RS	67' dia. x 10' s.w.d.	1964	Hunter Engrs. Austin, Tex.
Ontario, Cal.	1	RS	125' dia. x 7' s.w.d.	1964	James M. Montgomery, C.E. Inc., Pasadena, Cal.
Clarksdale, Miss.	2	RSP	65' dia. x 9'8" s.w.d.	1964	Allen & Hoshall Memphis, Tenn.
	2	RS	65' dia. x 8'		
Duncan, Okla.	1	RSP	70' dia. x 6'2" s.w.d.	1964	Lee M. Buxh & Co. Oklahoma City, Okla.
	1	RS	72' dia. x 6'2"		
Macomb, Ill.	1	RSP	45' dia. x 8' s.w.d.	1964	Tiernan Engr. Co. Macomb, Ill.
Pineville, N. C.	2	RSP	125' dia. x 9' s.w.d.	1964	J. N. Pease Charlotte, N. C.
	2	RS	105' dia. x 8'		
Tamaqua, Pa.	2	RSP	45' dia. x 8' s.w.d.	1964	Anthracite Engrs., Inc. Pottsville, Pa.
Hanover Park, Ill.	2	RSP	45' dia. x 12' s.w.d.	1964	Norval E. Anderson Metro Sanitary District of Great Chicago
	2	RS	40' dia. x 11'6"		
Fredericksburg, Ia.	1	RSP	40' dia. x 6' s.w.d.	1964	Bert B. Hanson & Assoc. West Union, Ia.
Midwest City, Okla.	1	RSP	60' dia. x 8'6" s.w.d.	1964	Benham Engr. Co. Oklahoma City, Okla.
	1	RS	75' dia. x 8'6"		
	1	RS	60' dia. x 8'		
Knoxville, Tenn.	2	RS	70' dia. x 9' s.w.d.	1964	Greeley & Hansen Chicago, Ill.
Maysville, Ky.	2	RSP	45' dia. x 6' s.w.d.	1964	Horner & Shiffrin, St. Louis, Mo. and Maran & & Assoc., St. Charles, Mo.
Groves, Tex.	1	RSP	40' dia. x 9' s.w.d.	1964	Chas. R. Haile Assoc. Houston, Tex.
	1	RS	40' dia. x 6' s.w.d.		
Sturgis, Mich.	1	RSP	55' dia. x 10' s.w.d.	1964	McNamee, Porter & Seeley Ann Arbor, Mich.
Jefferson Parish, La.	1	RSP	80' dia. x 8'8" s.w.d.	1964	deLaureat & Moses, Inc. New Orleans, La.
	1	RS	75' dia. x 8'8"		
Gastonia, N. C.	2	RSP	85' dia. x 8'1" w.d.	1965	J. N. Pease Assoc. Charlotte, N. C.
	2	RS	65' dia. x 8'1"		
Coaldale Lansford, Pa.	2	RS	40' dia. x 7'4"	1965	A. L. Wiesenberger Assoc., Inc. Allentown, Pa.
Needles, Cal.	1	RS	60' dia. x 8' w.d.	1965	Ivor Lyons & Assoc. Los Angeles, Cal.
	1	RSP	40' dia. x 8' w.d.		
Groves, Tex.	1	RSP	60' dia. x 10' s.w.d.	1965	Wyeth Laboratories Marietta, Pa.
	1	RS	60' dia. x 8' s.w.d.		
Grand Island, Neb.	2	RSP	90' dia. x 7' s.w.d.	1965	Black & Veatch Kansas City, Mo.
Oceanside, Cal.	1	RS	65' 9" dia. x 9' w.d.	1965	Currie Engineering Sheppard, Morgan & Schwaab. Crawford, Murphy & Tilly
Granite City, Ill.	1	RSP	80' dia. x 7' w.d.	1965	Wiedeman & Singleton Henningson Durham & Richardson Boyle Engr.
Atlanta, Ga.	4	RS-X	121 x 60' x 13' w.d.	1965	
Fremont, Neb.	2	RSP	90' dia. x 7' w.d.	1965	
Las Virgenes L.A. Cnty, Cal.	1	RSP	45' dia. x 10' w.d.	1965	
Midwest City, Okla.	2	RS-X	75' x 75' x 11' w.d.	1965	Rea Engr.
Conejo Valley, Cal.	1	RSP	67' dia. x 8'6" w.d.	1965	Pomeroy Johnston & Bailey

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INSTD.	ENGINEERS
Keokuk, Ia.	2	RSP	75' dia. x 8' w.d.	1965	Black & Veatch
Seabrook, Tex.	1	RSP-X	46' dia. x 10' s.w.d.	1965	Brown & Root, Inc.
Lincoln, Neb.	1	RSP	100' x 13' s.w.d.	1965	Black & Veatch
Mexico, Mo.	1	RSP	50' dia. x 7' w.d.	1965	Black & Veatch
	1	RS	50' dia. x 8' w.d.		
Phoenix, Ariz.	4	RSP	60' x 60' x 9' w.d.	1965	Yost & Gardner
Peoria, Ill.	1	RS	112'9" dia. x 7'	1965	Greeley & Hanson
Danville, Ill.	2	RSX	50' x 50' x 10' s.w.d.	1966	Warren & Van Praag
Hydra Matic GMC	2	RS	60' dia. x 14'	1966	GMC
Ypsilanti, Mich.					
Bloomington, Ind.	1	RS	85' dia. x 30' w.d.	1965	Black & Veatch
Normal, Ill.	1	RSX	40' x 40' x 12' w.d.	1966	Farnsworth & Wylie
Oswatimie, Kan.	1	RS	35' dia. x 12'7" w.d.	1965	Black & Veatch
	1	RS	63' dia. x 11'6"		
Kansas City, Mo.	1	RS	80' dia. x 7'	1965	Black & Veatch
Bryan, Tex.	2	RSP	90' dia. x 10' w.d.	1965	Homer A. Hunter Assoc.
	1	RS	65' dia. x 10'		
Woodland Area	1	RSP	65' dia. x 10'	1965	MacLaine & Chewing
Morristown, N. J.					
Sulphur Springs, Tex.	2	RSX	60' x 60' x 15' s.w.d.	1966	Henningson, Durham & Richardson
Aberdeen, S. D.	2	RSP	70' dia. x 8' s.w.d.	1967	Scott Engr.
Decatur, Ark.	1	RSP	40' dia. x 8" s.w.d.	1967	Crafton-Tull
Lowell, Mich.	1	RSP	45' dia. x 7' s.w.d.	1967	Williams & Works
Brookhaven National Lab.	1	RSP	70' dia. x 8' s.w.d.	1967	Gibbs & Hall
Upton, N. Y.					
Edinburg, Tex.	1	RSP	45' dia. x 8' s.w.d.	1967	Chas. L. Meldon & Winston & Greenwood
	1	RS	45' dia. x 8' s.w.d.		
Fulton, N. Y.	1	RSPX	50' x 50' x 10' s.w.d.	1967	Alvard Burdick & Howson
Waukesha, Wis.	1	RSP	85' dia. x 11' s.w.d.	1967	Alvard Burdick & Howson
	1	RS	85' dia. x 10' s.w.d.		
	1	RSX	75' x 75' x 10' s.w.d.		
Bona Allen, Inc.	1	RS	40' dia. x 7' s.w.d.	1967	J. B. McCrary Engr.
Buford, Ga.					
Scituate, Mass.	2	RSP	45' dia. x 8' s.w.d.	1967	Metcalf & Eddy
Mission Valley Mills	1	RS	85' dia. x 12' s.w.d.	1967	Bryant-Curington
New Braunfels, Tex.					
Montrose, Mich.	2	RSP	50' dia. x 7' s.w.d.	1967	Spicer Engr.
Bakersfield, Cal.	1	RSP	75' dia. x 9' s.w.d.	1967	Koebig & Koebig
Alcoa, Warwick, Ind.	1	RSP	90' dia. x 14' s.w.d.	1967	Alcoa
Alcoa, Tennessee	1	RSP	50' dia. x 13' s.w.d.	1967	Alcoa
Moorhead, Minn.	1	RSP	45' dia. x 9' s.w.d.	1967	Wm. T. Mills
Ft. Collins, Colo.	2	RSP	65' dia. x 8' s.w.d.	1967	J. T. Banner & Assoc.
Indian Creek, Kan.	1	RS	120' dia. x 10' s.w.d.	1967	Black & Veatch
	2	RSP	80' dia. x 10' s.w.d.		
Aurora, Ill.	1	RS	50' dia. x 10' s.w.d.	1967	Walter Deuchler
Chrysler Corp.	3	RS	50' dia. x 15' s.w.d.	1967	Albert Kahn Engr.
Trenton, Mich.					
Ft. Jackson, S. C.	1	RS	45' dia. x 13' s.w.d.	1967	U. S. Army Engrs.
Houston, Tex.	4	RSP	95' dia. x 11' s.w.d.	1967	Dale S. Cooper
Mississippi Lime Co.	2	RS	50' dia. x 13' s.w.d.	1967	
St. Genevieve, Mo.					
Fairfield, Ia.	1	RS	50' dia. x 7' s.w.d.	1967	Donald E. French
Fallbrook, Cal.	1	RS	35' dia. x 10' s.w.d.	1967	Neste Brudin & Stone
Kansas City, Kan.	4	RSX	105' x 105' x 8' s.w.d.	1967	Schlup Becker & Brennan
Cape Girardeau, Mo.	1	RS	50' dia. x 16' s.w.d.	1967	Black & Veatch
Arlanta, Ga.	3	RSX	90' x 90' x 13' s.w.d.	1967	Weideman & Singleton
Allatoona, Acworth, Ga.	4	RSX	60' x 60' x 14' w.d.	1967	Hensley-Schmidt
Daytona Beach, Fla.	1	RSP	80' dia. x 9' w.d.	1967	Russell & Axon

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INSTD.	ENGINEERS
Continental Can Co. Ft. Wentworth, Ga.	1	RSP	190' dia. x 9' s.w.d.	1967	Jones & Fellers
Urbana-Champaign, Ill.	2	RSP	65' dia. x 12' s.w.d.	1967	Clark Dietz & Assoc.
Lawrence, Kan.	1	RSP	90' dia. x 9' s.w.d.	1967	Black & Veatch
Army	1	RSP	55' dia. x 10' s.w.d.	1967	Roger Wiating
Sioux Falls, S. D.	1	RS	55' dia. x 10' s.w.d.		
South Haven, Mich.	1	RS	60' dia. x 16' s.w.d.	1967	McNamee Parter & Seeley
Grand Rapids, Minn.	2	RSP	110' dia. x 8' s.w.d.	1967	Henningson Durham & Richardson
Rochester, Minn.	1	RS	35' dia. x 9' s.w.d.	1967	Toltz King Duval Anderson
Borger, Tex.	3	RSX	60' x 60' x 15' s.w.d.	1967	Henningson Durham Richardson, Inc.
Pharr, Tex.	1	RSP	45' dia. x 8' s.w.d.	1967	Charles L. Melden
	1	RS	50' dia. x 8' s.w.d.		
Bluffton, Ind.	2	RSX	55' x 55' x 11' s.w.d.	1967	Henry B. Steeg
Rockport, Tex.	1	RSPX	41' x 41' x 12' s.w.d.	1967	McClendon & Assoc.
Port Neches, Tex.	1	RSP	60' dia. x 10' s.w.d.	1967	Chas. R. Haile Assoc.
	1	RS	60' dia. x 8' s.w.d.		
McAllen, Tex.	1	RSP	72' dia. x 10' s.w.d.	1967	Winston & Greenwood
Chevrolet-Livonia	1	RSP	75' dia. x 10' s.w.d.	1967	Cummins & Barnard
Govalle, Tex.	1	RSP	75' dia. x 11' s.w.d.	1967	A. M. Eldridge
Fair Lawn, N. J.	1	RS	65' dia. x 10' s.w.d.	1967	Lee T. Purcell
DeKalb, Ill.	1	RSP	75' dia. x 9' s.w.d.	1967	S. W. Kneth & Assoc.
	2	RSP	84' dia. x 9' s.w.d.		
	1	RS	76' dia. x 8' s.w.d.		
	1	RSP	50' dia. x 8' s.w.d.		
Ontario, Cal.	1	RSP	100' dia. x 9' s.w.d.	1967	James M. Montgomery
	1	RS	100' dia. x 9' s.w.d.		
Shreveport, La.	3	RS	60' x 60' x 12' w.d.	1967	Black & Veatch
Houston, Tex.	1	RSP	90' dia. x 10' 6" s.w.d.	1967	Turner, Callie & Braden
Cedarhurst, N. Y.	2	RSPX	35' x 35' x 7' s.w.d.	1967	Chas. R. Velzy Assoc.
LeMars, Iowa	1	RSP	60' dia. x 7' s.w.d.	1968	Henningson Durham & Richardson
Chevrolet-GMC	1	RSP	65' dia. x 14' s.w.d.	1968	Cummins & Barnard Inc.
Flint, Mich.	1	RSP	75' dia. x 14' s.w.d.		
Lawrence, Kan.	1	RS	120' dia. x 12' 6" s.w.d.	1968	Black & Veatch
Bonham, Tex.	1	RS	100' dia. x 17' 6" s.w.d.	1968	Wisenbaker, Fix & Assoc.
St. Bernard, La.	1	RSP	65' dia. x 9' s.w.d.	1968	Burk & Assoc., Inc.
	1	RS	65' dia. x 9' s.w.d.		
Columbus, Ohio	6	RSX	115' x 115' x 15' s.w.d.	1968	Bonham Grant & Brundage
Jacksonville, Ill.	1	RSP	85' dia. x 8' s.w.d.	1968	Casler & Assoc.
		DS			
N. Miami Beach, Fla.	1	RSP	60' dia. x 7' s.w.d.	1968	Kononoff & Smith
Atchison Topeka RR	1	RSP	80' dia. x 7' s.w.d.	1968	Schlup, Becker & Brennan
Kansas City, Kan.					
Junction City, Kan.	1	RSP	70' dia. x 8' 9" s.w.d.	1968	Black & Veatch
Armco Steel	2	RS	70' dia. x 15' s.w.d.	1968	Kaiser Engineers
Butler, Pa.					
Wapato, Wash.	1	RS	50' dia. x 7' s.w.d.	1968	Ogden & Shephard
Milford, Conn.	1	RS	40' dia. x 10' s.w.d.	1968	Metcalfe & Eddy
Scarborough, Maine	2	RSP	30' dia. x 8' s.w.d.	1968	Whitman & Howard
Perry, Iowa	1	RSP	38' dia. x 6' s.w.d.	1968	McClure Engrg. Co.
	1	RSP	40' dia. x 6' s.w.d.		
	2	RS	43' dia. x 6' s.w.d.		
Greenwood, S. C.	2	RSX	40' x 40' x 10' s.w.d.	1968	Black & Veatch
Morristownship, N. J.	2	RSP	2@50' dia. x 10' s.w.d.	1968	MacLane & Chewning
Glenwood Springs, Cal.	1	RS	45' dia. x 6' s.w.d.	1968	Larkin & Assoc.
Kansas City, Mo.	1	RSP	70' dia. x 9' 10' s.w.d.	1968	Black & Veatch
Winfield, Kans	1	RS	65' dia. x 10' s.w.d.	1968	Black & Veatch

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INSTD.	ENGINEERS
Findlay, Ohio	1	RSP-DS	75' dia. x 10' s.w.d.	1968	A. M. Kinney Inc.
Girard, Ill.	1	RSX	75' sq. x 11' s.w.d.	1968	Casler & Assoc.
Ashland, N. H.	2	RSP	55' x 10' s.w.d.	1969	Metcalf & Eddy
Mountain Home, Ark.	1	RSP	46' dia. x 10' s.w.d.	1969	Mehlburger Engr.
Wausou, Wis.	2	RSP	80' dia. x 10' s.w.d.	1969	Becher-Hoppe Inc.
San Antonio, Tex.	2	RSP	100' dia. x 11' s.w.d.	1969	Seligman & Pyle
	2	RS	130' dia. x 12' s.w.d.		
N. Charleston, S. C.	2	RSP	120' dia. x 10' s.w.d.	1969	Davis & Floyd Engrs. Inc.
Naval Air Stn. Corpus Christi, Tex.	2	RSP	50' dia. x 10' s.w.d.	1969	Johnson & Marquis
	1	RS	40' x 10' s.w.d.	1969	
Evansdale, Ia.	1	RSP	40' x 7' s.w.d.	1969	Cullen & Schiltz & Assoc.
Enid, Okla.	2	RSP	65' dia. x 8'6" s.w.d.	1969	Hudgins, Thompson, Ball & Assoc., Inc.
Pearl Harbor, Hawaii	1	RSP	80' dia. x 8' s.w.d.	1969	Sunn, Law, Tom & Hara Inc.
	1	RS	80' dia. x 9' s.w.d.		
Katz, Texas	1	RSP	40' dia. x 13' 4" s.w.d.	1969	S. A. Russell
Louisville, Ky.	4	RSX	178' dia. x 24' s.w.d.	1969	Alvord, Burdick & Hanson
Sherman, Tex.	1	RSP	96' dia. x 9'6" s.w.d.	1969	Fowler & Grafe Inc.
	1	RS	106' dia. x 9'6" s.w.d.		
Millville, N. J.	2	RSP	62' dia. x 7' 6" s.w.d.	1969	A. C. Jones & Assoc.
Khartoum North, Sudan, Africa	2	RSP	65' dia. x 8' s.w.d.	1969	Daniel, Mann, Johnson & Mendenhall
Brownsville, Tex.	1	RS	90' dia. x 15' s.w.d.	1969	Sigler, Clark & Assoc.
Franklin Twp., Pa.	2	RSP	45' dia. x 7' s.w.d.	1969	L. Rob. Kimball Consult. Engrs.
Franklin Twp. Pa.	2	RS	55' dia. x 8'6" s.w.d.	1969	L. Rob. Kimball Consult. Engrs.
Lenoir, N. C.	2	RS	95' dia. x 9'6" s.w.d.	1969	W. K. Dickson & Co.
Lower Creek Plant					
Beaver Dam, Wisc.	2	RS	60' dia. x 8' s.w.d.	1969	Donahue & Assoc.
Longview, Texas	2	RS	100' dia. x 10' s.w.d.	1969	Forrest & Cotton
Emporia, Kansas	1	RS	50' dia. x 17'6" s.w.d.	1969	Black & Veatch
	1	RSX	60' x 60' x 7' s.w.d.		
Creston, Iowa	1	RSP	35' x 35' x 9' s.w.d.	1969	Howard R. Green Co.
	1	RS	30' x 30' x 7' s.w.d.		
Jacksonville, Ill.	1	RS	94' dia. x 11'8 1/2" s.w.d.	1969	Casler & Assoc.
Marlboro, Mass.	2	RSP	45' dia. x 9' s.w.d.	1969	Metcalf & Eddy Inc.
Sedalia, Missouri	2	RSX	75' x 75' x 10' s.w.d.	1969	Black & Veatch
Northeast STP, Houston, Tex.	1	RSP	65' dia. x 7'6" s.w.d. 14'6" c.w.d.	1969	Frank J. Metyko, Engrs.
Denton, Texas	2	RSP	55' dia. x 7' s.w.d.	1969	Freese, Nichols & Endress
Lenox, Mass.	2	RSP	30' dia. x 8' s.w.d.	1969	Camp-Dresser & McKee
	1	RSP	26' dia. x 8' s.w.d.		
Sapulpa, Okla.	1	RSP	40' dia. x 15' s.w.d.	1969	REA Engineering & Assoc. Inc.
Laredo, Tex.	2	RS	145' dia. x 14'3"	1969	Sigler, Clark & Assoc. Inc.
	2	RS	120' dia. x 19' s.w.d.		
Orono, Maine	2	RSP	60' dia. x 12' s.w.d.	1969	Camp Dresser & McKee
Millard, Nebr.	1	RSPX	38' x 38' x 15' s.w.d.	1969	Gollehon, Scheimmer & Assoc. Inc.
Boulder, Colorado	1	RSX-UCV2	115' sq. x 12'7" s.w.d.	1969	Black & Veatch
New Providence, N. J.	1	RS	70' dia. x 8' s.w.d.	1969	Elson T. Killam Assoc. Inc.
Lewisville, Tex.	1	RS	55' dia. x 6'3"	1969	Henningson, Durham & Richardson Inc.
Harlingen, Tex.	2	RS	90' dia. x 15'3"	1969	Siegler, Clark & Assoc.
Brownsville, Tex.	1	RSP	85' dia. x 10' s.w.d.	1969	W. M. Peterson
Devine, Tex.	1	RSP	35' dia. x 9' s.w.d.	1969	W. H. Mullins Inc.
Ottawa, Ill.	2	RSP-CI	60' dia. x 10' s.w.d.	1969	Clark Dietz & Assoc.
Panola City, Okla.	1	RSP	90' dia. x 10' s.w.d.	1969	Hudgins, Thompson, Ball
Marbon Chemical-Linmar Plt. Ottawa, Ill.	1	RSMP	55' dia. x 10' s.w.d.	1969	Chester Engrs. Inc.

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INST.	ENGINEERS
Alcoa - Lafayette, Ind.	1	IRSP	85' dia x 12' s.w.d.	1969	Paul Kleiser & Assoc.
Walled Lake, Mich.	1	RS	60' dia x 15' s.w.d.	1969	Johnson & Anderson Inc.
Carbondale, Ill.	2	RSP	65' dia x 12' s.w.d.	1969	Clark, Dietz & Assoc.
S. Alice, Tex.	2	RSP	55' x 10' x 13'-9 1/4 c.w.d.	1969	Keagen & McCoughan
LaGrange, Ga.	1	RSX	60' dia x 12' -6" s.w.d.	1969	Black, Crow & Eidness
Mid-States, Ind.	1	IRSP	50' dia x 10' s.w.d.	1969	Residential Engr.
Corning, Iowa	1	RSP	40' dia x 8' s.w.d.	1969	Harold Hoskins & Assoc.
Lubrizol Corp. WTP					
Deer Park, Tex.	2	RSP	50' dia x 12' s.w.d.	1970	Roy Weston Co.
Bloomington, Minn.	2	RSPX	115' dia x 11' 10" s.w.d.	1970	Black & Veatch
Bachman Creek STP, Dallas, Tex.	3	RSX	52' sq. x 9' 3" s.w.d.	1970	Black & Veatch
Gavalle Aux. Fac. Austin, Tex.	1	RSP	175' dia x 12' s.w.d.	1970	Nat'l Engr. Corp.
Centerville, Iowa	1	RSP	50' dia x 7' s.w.d.	1970	Hall Engr. Co.
Southwest STP, Houston, Tex.	3	RSP	100' dia x 10' s.w.d.	1970	J. G. Turney
Brownsville, Tex.	1	RSP	60' dia x 7' 10 1/2" s.w.d.	1970	W. M. Peterson
Packaging Corp. of America					
Tama, Iowa	1	IRSP	70' dia x 13' s.w.d.	1970	Stanley Cans., Inc.
Boy City, Mich.	2	RSP	110' dia x 12' s.w.d.	1970	Black & Veatch
Gulf Meadows, Tex.	1	RSP	55' dia x 11 1/4" s.w.d.	1970	Langford Engr. Co.
Grapevine, Tex.	2	RSP	50' dia x 10' s.w.d.	1970	Freese, Nichols & Engress Cons. Engr.
Belvidere, Ill.	2	RSP	6' dia x 8' s.w.d.	1970	Robert H. Anderson
Gulf Meadows, Tex.	1	RSP	55' dia x 11-1/4" s.w.d.	1970	Langford Engr. Co.
Grapevine, Tex.	2	RSP	50' dia x 10' s.w.d.	1970	Freese, Nichols & Engress Cons. Engr.
Belvidere, Ill.	2	RSP	6' dia x 8' s.w.d.	1970	Robert H. Anderson
Texas A&M Univ.	1	RSP	60' dia x 9'-8" s.w.d.	1970	Tuner, Collie & Braden
College Stn., Tex.	1	RSP	80' dia x 8'-11" s.w.d.	1970	Tuner, Collie & Braden
Raymondville, Tex.	1	RSPX	41' sq. x 12' s.w.d.	1970	Urban Engr.
River Supply Util. STP					
Johnson Co., Water Dist. #1					
Johnson Co., Kansas	1	RS	105' dia x 24'-3" s.w.d.	1970	Burns & McDannell
Houston, Tex. STP	1	RSP	78' dia x 10' s.w.d.	1970	J. G. Turney Inc.
Forsyth STP					
St. Riley, Kansas	1	RSP	55' dia x 8'-8" s.w.d.	1970	Wilson & Co.
Cookeville, Tenn.	2	RS-CI	60' x 15' s.w.d.	1970	Turner Engr. Co.
Wadesboro, N.C.	1	RS	65' dia x 9' s.w.d.	1970	Henningson, Durham & Richardson
Pearl Harbor STP					
Pearl City, Hawaii	1	RSP	80' dia x 8' s.w.d.	1970	Navy Facilities Engrg. Comm.
	1	RS	80' dia x 9' s.w.d.	1970	Navy Facilities Engrg. Comm.
Brazos River Auth.					
Waco, Texas STP	1	RS	100' dia x 10'-6" s.w.d.	1970	Forrest & Cotton
Grafton, Wisc. STP	1	RSP	45' dia x 8' s.w.d.	1970	Donahue & Assoc.
Weslaco, Texas WTP	1	RS-CI	92' dia x 14' s.w.d.	1970	Sigler, Winston, Greenwood & Assoc.
Arlington, Texas	2	RSX	73' sq. x 15'-6" s.w.d.	1970	Freese, Nichols & Endress
Dangerfield, Texas	1	RSP	50' dia x 10' s.w.d.	1970	Freese, Nichols, & Endress
Del City, Okla.	1	RSP	60' dia x 8'-6" s.w.d.	1970	Kenneth Klaffke
Winona, Minn.	2	RSP	95' dia x 7' s.w.d.	1970	Henningson, Durham & Richardson
Winona, Minn.	2	RS	85' dia x 8' s.w.d.	1970	Henningson, Durham & Richardson
American Synthetic Rubber					
Louisville, Ky.	1	IRSP	70' dia x 9' s.w.d.	1970	Watkins & Assoc.
Terrell, Tex.	1	RSP	85' dia x 7' s.w.d.	1970	Henningson, Durham & Richardson Inc.

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INST.	ENGINEERS
Terrell, Tex.	2	RS	75' dia x 7' s.w.d.	1970	Henningson, Durham & Richardson, Inc.
Terrell, Tex.	1	RS	85' dia x 7' s.w.d.	1970	Henningson, Durham & Richardson, Inc.
Mattoon, Ill.	2	RSP	60' dia x 8' s.w.d.	1970	Wilson & Anderson
Westgate - Fairfax Co., Va.	2	RSP	100' dia x 11' s.w.d.	1970	Engr. Science, Inc.
Saline, Mich.	1	RSP	50' x 8' s.w.d.	1970	Ayres, Lewis, Norris & May
Leadville, Colo.	1	RSP	50' dia x 9' s.w.d.	1970	Wright-McLaughlin
Ashland, Pa.	2	RSP	40' dia x 10' s.w.d.	1970	Gannett, Fleming Corddry & Carpenter
Akuimanu Honolulu, Hawaii	1	RSP	55' dia x 9' s.w.d.	1970	Austin, Smith & Assoc.
Lockport, N.Y.	2	RSP	100' dia x 11'-6" s.w.d.	1970	McNamee, Porter & Seeley
	2	RSP	100' dia x 11'-6" s.w.d.	1970	McNamee, Porter & Seeley
Bakersfield, Calif.	1	RSP	75' dia x 10' s.w.d.	1970	Engr. Science, Inc.
Atlanta, Ga. Hemphill	2	RSX	95' dia x 13'-6" s.w.d.	1970	Wiedeman & Singleton
	4	RSX	47'-4" dia x 10'-10" s.w.d.	1970	Wiedeman & Singleton
Kendall Co. Fiber Prod., Divn Griswoldville, Mass.	1	RSP	55' dia x 12'-7" s.w.d.	1970	Metcalf & Eddy
I.B.M. E. Fishkill, N.Y.	2	RSP	45' dia x 13' s.w.d.	1970	Metcalf & Eddy
No. Olmstead, Ohio	2	RSP	45' dia x 10' s.w.d.	1970	Floyd G. Browne & Assoc. Ltd.
Coalinga, Calif.	4	RSX	50' dia x 14' s.w.d.	1970	Koebig & Koebig
Columbia, S.C.	2	RS	125' dia x 10' s.w.d.	1970	Wiedeman & Singleton
Greenville, N.C.	2	RSP	70' dia x 10' s.w.d.	1971	Wm. F. Freeman Assoc.
	2	RS	60' dia x 8' s.w.d.	1971	Wm. F. Freeman Assoc.
Baltimore, Md.	1	RSP	170' dia x 9' s.w.d.	1971	Resident
Lake Placid, N.Y.	2	RSP	50' dia x 9' s.w.d.	1971	Rist Frost Assoc.
Little Rock San. System, Ark.	2	RSP	60' dia x 10' s.w.d.	1971	Forest & Cotton Carver & Carver
Taber City, N.C.	1	RS	50' dia x 8' s.w.d.	1971	Henry Von Oesen Assoc.
Independence Village Winslow Twp., N.J.	1	RSP	45' dia x 8' s.w.d.	1971	Elson T. Killan Assoc.
Wallkill, N.Y.	1	RSP	60' dia x 7' s.w.d.	1971	Eustance & Horowitz Engr.
	1	RSP	60' dia x 7' s.w.d.	1971	James Montgomery
Hill Canyon Thousand Oaks, Calif.	1	RSP	70' dia x 10' s.w.d.	1971	James Montgomery
	1	RSP	70' dia x 7'-3" s.w.d.	1971	James Montgomery
	1	RSP	128' x 90' s.w.d.	1971	Robert Charles Engr. Assoc.
New Bedford, Mass.	4	RSP	105' dia x 10' s.w.d.	1971	Robert Charles Engr. Assoc.
Altoona Mine Drainage Plant Altoona, Pa.	2	RS	115' dia x 13'-1/2" s.w.d.	1971	Gwin Engr., Inc.
Fall River, Mass.	1	RSP	120' dia x 10'-3" s.w.d.	1971	Tippets-Abbott-McCarthy-Stratton
Brentwood, Calif.	1	RSP	50' dia x 14'-4" s.w.d.	1971	Yoder-Trotter-Orlob & Assoc.
Rosenberg, Tex.	1	RSP	70' dia x 10' s.w.d.	1971	S. A. Russell & Assoc.
Shawnee, Okla.	1	RS	70' dia x 9' s.w.d.	1971	Benham-Blair & Affiliates
Sagamont Mun. Util. Dist.					
Houston, Texas	1	RS	60' dia x 12' s.w.d.	1971	Shaner, Hicks & Cherry
Charlevoix, Mich.	2	RSP	45' dia x 8' s.w.d.	1971	McNamee, Porter & Seeley
Skowhegan, Maine	2	RSP	40' dia x 10' s.w.d.	1971	Metcalf & Eddy
	2	RS	50' dia x 14' s.w.d.	1971	Metcalf & Eddy
B-P Oil Corp.					
Port Arthur, Tex.	1	RSM	75' dia x 10' s.w.d.	1971	Bovay Engr.
Calhoun, Ga.	1	RSX	74" sw. 13' s.w.d.	1971	Wiedeman & Singleton
Collinsville, Ill.	2	RSP	65' x 14'	1971	Warren & Van Praag
Wilson Creek STP	2	RSP	60' dia x 8' s.w.d.	1971	Black & Veatch
Greenwood, S.C.	1	RS	80' dia x 9' s.w.d.	1971	Black & Veatch
G.M.C. Detroit Diesel Allison Div., IWTP, Detroit, Mich.	1	RSP	80' dia x 10' s.w.d.	1971	Cummins & Barnard

JOB LOCATION	NO. UNITS	TYPE	TANK SIZE	YEAR INSTD.	ENGINEERS
City of Cleburne STP Cleburne, Tex.	1	RSP	65' dia x 10' s.w.d.	1971	Riewe & Wischmeyer
Delta Airlines, Atlanta Airport, Atlanta, Ga.	2	RSP-CI	65' dia x 14' s.w.d.	1971	Patcher, Mingledorn & Assoc.
Delta Airlines, Atlanta Airport, Atlanta, Ga.	1	RSM	75' dia x 8'-6" s.w.d.		Patcher, Mingledorn & Assoc.
City of Bryan STP Bryan, Tex.	1	RSP	45' dia x 11' s.w.d.	1971	Riewe & Wischmeyer
City of Bryan STP Bryan, Tex.	1	RS	65' dia x 10' s.w.d.	1971	Riewe & Wischmeyer
City of Bryan STP Bryan, Tex.	1	RSP	80' dia x 11' s.w.d.	1971	Riewe & Wischmeyer
Houlton Water Dist. STP Houlton, Maine	2	RSP	60' dia x 12' s.w.d.	1971	Metcalf & Eddy
Wheaton Sanit. Dist. STP Wheaton, Ill.	1	RS	64' dia x 7'-6" s.w.d.	1971	Baxter & Woodman

WESTERN SURETY COMPANY

One of America's Oldest Bonding Companies

CHICAGO • SIOUX FALLS • DALLAS
PALO ALTO • BALA-CYNWYD, PA.

BID BOND

KNOW ALL MEN BY THESE PRESENTS:

BOND No. _____ COMPANY _____

That we, WALKER PROCESS EQUIPMENT DIVISION OF CHICAGO BRIDGE & IRON

_____ of the city of AURORA, State of ILLINOIS,
as Principal, and the WESTERN SURETY COMPANY, a corporation, as Surety, are held and firmly bound unto

BOARD OF PUBLIC WORKS - CITY OF FT. WAYNE, INDIANA

_____, hereinafter called the Obligee, in the sum of
FIVE PERCENT OF MAXIMUM AMOUNT OF BID _____ (\$ 5M.A.B.) DOLLARS,

for which payment said Principal and Surety bind themselves by these presents.

WHEREAS, the said Principal is herewith submitting a proposal to FABRICATE EQUIPMENT FOR
WATER TREATMENT PLANT.

NOW, THEREFORE, the condition of this obligation is such, that if the said Principal shall be awarded the contract, the said Principal will enter into a contract and give bond for the faithful performance of the contract, then this obligation shall be null and void, otherwise the Principal and Surety will pay unto the Obligee the difference in money between the amount of the bid of the said Principal and the amount for which the Obligee may legally contract with another party to perform the work, if the latter amount be in excess of the former. In no event shall the Surety's liability exceed the penal sum hereof.

Dated this 30TH day of MAY, 19 72
WALKER PROCESS EQUIPMENT DIVISION OF
CHICAGO BRIDGE & IRON COMPANY

Principal

Principal

Countersigned

WESTERN SURETY COMPANY

By _____ By D. Daniels

Resident Agent

ACKNOWLEDGMENT OF SURETY

STATE OF ILLINOIS } ss

County of COOK }

On this 30TH day of MAY, 19 72, before me, the undersigned officer,

personally appeared _____ who acknowledged himself to be

the _____ of the WESTERN SURETY COMPANY, a corporation, and that he as such
(Official Title or Attorney-in-Fact)

☒ Officer ☐ Attorney-in-Fact, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as such ☒ Officer ☐ Attorney-in-Fact.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal the day and year last above written.

My commission expires

May 12, 19 73

G. W. Winter
Notary Public

KNOW ALL MEN BY THESE PRESENTS:

This Power of Attorney authorizes the execution of one instrument to which it should be attached.

That the Western Surety Company, a corporation, does hereby make, constitute and appoint each of the following officers, of Chicago, Illinois, Attorney in Fact, with full power and authority conferred upon him or her to sign, execute, acknowledge and deliver for and on its behalf as Surety and its act and deed, any one bond, indemnity or undertaking, consent or agreement which this Company may be authorized to write:

J. J. SCHMITT, Vice President
R. N. FOX, Vice President
L. D. PENNY, Assistant Secretary
D. DAVIES, Assistant Secretary

J. J. MILLETTE, Assistant Secretary
J. C. RUGEN, Assistant Secretary
R. M. NESTLER, Assistant Secretary
K. E. NIEDZWIEDZ, Assistant Secretary

The Western Surety Company further certifies that the following is a true and correct copy of Section 7 of the By-Laws of the Western Surety Company, duly adapted and now in force, to-wit:

Section 7. "All bonds, policies, undertakings or other obligations of the corporation shall be executed in the corporate name of the Company by the Chairman of the Board, the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The Chairman of the Board, the President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, or other obligations of the corporation."

In Witness Whereof, the said Western Surety Company has caused these presents to be executed by its President with its corporate seal

affixed this 30TH day of MAY, 1972

ATTEST

WESTERN SURETY COMPANY

By

Joe Kirby

President

R. N. Fox

Assistant Secretary

STATE OF SOUTH DAKOTA }
COUNTY OF MINNEHAHA }^{ss}

On this 30TH day of MAY, 1972, before me, a Notary Public,

personally appeared Joe Kirby, President, and *Joe Kirby*,
who, being by me duly sworn, acknowledged that they signed the above Power of Attorney as President and Assistant Secretary, respectively,
of the said Western Surety Company, and acknowledged said instrument to be the voluntary act and deed of said corporation.

My commission expires

P. ASPAAS, NOTARY PUBLIC

My Commission expires 3-4-78

19

P. Aspaas

Notary Public

WALKER PROCESS EQUIPMENT

840 N. RUSSELL AVE.

WALKER PROCESS

AURORA • ILLINOIS 60506

DIVISION OF CHICAGO BRIDGE & IRON COMPANY

Area Code 312 896-7777

WALKER PROCESS EQUIPMENT DIVISION OF CHICAGO BRIDGE & IRON CO. EXPERIENCE, PERSONNEL & FINANCIAL

Walker Process Equipment, a Division of Chicago Bridge & Iron Company, is one of the leading companies in the supply of equipment for sewage, waste and water treatment plants for municipalities and industry. The company's experience in water and waste treatment goes back over a period of more than twenty years and includes both process applications and the supply of equipment for many municipal and industrial applications, including some of the largest in the country.

All of the management and key personnel at Walker have had extensive training and experience in waste and water treatment equipment engineering prior to the formation of Walker Process, twenty-three years ago. They are supported by a complete engineering department and manufacturing facilities, with broad experience in producing equipment for the water and waste treatment fields.

Walker Process, as a Division, has the financial backing of the parent company, Chicago Bridge & Iron Company. The enclosed Chicago Bridge and Iron Company consolidated financial statement represents the strength of Walker Process.

I hereby certify that the foregoing information is complete and correct.



A. W. Nelson,
Asst. Secretary
Chicago Bridge & Iron Co.

CONTENTS

PAGES

ADVERTISEMENT	iv
INSTRUCTIONS TO BIDDERS.	v
PROPOSAL	viii
BIDDER'S BOND.	x
QUESTIONNAIRE	
NON-COLLUSION AFFIDAVIT.	xi
CERTIFICATE IN LIEU OF FINANCIAL STATEMENT	xii
AGREEMENT	xiii
INSTRUCTIONS FOR EXECUTING AGREEMENT.	xvi
PERFORMANCE BOND	xvii

SPECIFICATIONS

Section

1. Clarifier Mechanisms	1-5
-----------------------------------	-----

ADVERTISEMENT

Fort Wayne, Indiana
Clarifier Mechanisms

Contract No. 72-W-1

Sealed proposals will be received by the Board of Public Works at their office in the City Hall, Fort Wayne, Indiana, up to 9:00 A.M., E.S.T., on June 7, 1972 for furnishing f.o.b. factory, with freight allowed to Fort Wayne, Indiana, two new clarifier mechanisms suitable for installation in existing concrete tanks, 84 feet square and 15 feet side water depth. The mechanisms shall be complete with all motors and appurtenances.

The specifications under which the work is to be done are on file and may be examined at the office of the Board of Public Works, or at the office of McNamee, Porter and Seeley, Consulting Engineers, 2223 Packard Road, Ann Arbor, Michigan, and copies thereof may be obtained from the latter on request.

A certified check or bidder's bond for a sum not less than five percent (5%) of the amount of the proposal will be required with each proposal.

An affidavit of non-collusion, an experience questionnaire, a plant and equipment questionnaire and a financial statement completely filled out and executed will be required with each proposal.

The right is reserved by the Owner to accept any proposal, to reject any proposal, and to waive irregularities in proposals.

No bid may be withdrawn after the above date and time of receiving bids for a period of sixty (60) days.

BOARD OF PUBLIC WORKS
FORT WAYNE, INDIANA

Dr. J. D. Boswell, Chairman
Mr. R. L. Bonar
Mr. W. G. Williams
Edna I. Smith, Clerk of Board of Works

INSTRUCTIONS TO BIDDERS

SCOPE OF WORK

The work under this contract includes the furnishing, f.o.b. factory with freight allowed to Fort Wayne, Indiana, of sludge collecting mechanisms for installation in existing concrete clarification tanks, each with a nominal capacity of 24 mgd, complete with appurtenances and in accordance with the specifications.

WORK NOT INCLUDED

Erection, piping and electric wiring connections and field painting will be furnished by the Owner.

NAME, ADDRESS AND STATUS OF BIDDER

The name and legal status of the bidder, that is, as a corporation, partnership, or an individual, shall be stated in the proposal. A corporation bidder shall name the state in which its articles of incorporation are held and must give the title of the official having authority, under the by-laws, to sign contracts; a partnership bidder shall give the full names and addresses of all partners.

Anyone signing a proposal as an agent of another or others must submit with his proposal legal evidence of his authority to do so.

The place of residence of each bidder, or the office address in the case of a firm or company, with a county and state, must be given after his signature.

QUESTIONNAIRE AND FINANCIAL STATEMENT

In conformity with the provisions of an act of the General Assembly of the State of Indiana, Chapter 202, Page 680, Acts of 1929, each bidder is required to submit under oath, with and as a part of his bid, a statement of his experience, his proposed plan for performing the work, the equipment which he has available for the performance of such work and a financial statement of his business. The statements to be required must be submitted on forms prescribed by the State Board of Accounts, copies of which are included with the proposal and designated, collectively, as General Form No. 96-A. Any Contractor who has already filed Form 96-A with the Fort Wayne Board of Public Works is permitted to submit a certificate in lieu of financial statement.

BID DEPOSITS

Each proposal must be accompanied by a bid deposit in the form of a certified check of a sum not less than five percent (5%) of the amount of the proposal drawn upon some bank in good standing, or a U.S. Government standard form of bidder's bond by a recognized surety company in an amount of five percent (5%) of the amount of the proposal, as a guarantee on the part of the bidder that he will, if called upon to do so, enter into contract, in the attached form to do the work covered by such proposal and at the prices stated therein and to furnish acceptable sureties for its faithful and entire fulfillment. Such certified check or bidder's bond shall be made out to the Board of Public Works, City of Fort Wayne, Indiana, and shall be subject to the conditions specified in the proposal.

RETURN OF BID DEPOSITS

The bid deposits of all except the three lowest bidders will be returned within three days after the opening of bids. The bid deposits of the three lowest bidders will be returned within 48 hours after the executed contract and the required bonds have been finally approved by the Owner or after rejection of all bids.

BASIS OF PROPOSALS

Proposals are solicited on the basis of a lump sum price for the furnishing of the two clarifier mechanisms, f.o.b. factory, with freight allowed to Fort Wayne, Indiana.

FORM OF PROPOSAL

All proposals must be made and signed by the bidder in the form attached hereto and without removal from the bound pamphlet. Additional copies of the proposal form for the bidder's files may be obtained upon request at the offices of the Engineer.

All prices stated in the proposal must be plainly written in legible figures. Illegibility of any figure in the proposal may be sufficient cause for rejection of the proposal by the Owner.

Each proposal must be enclosed in a sealed envelope addressed to the Board of Public Works, Fort Wayne, Indiana, and labeled on the outside "Proposal for Clarifier Mechanisms, Contract No. 72-W-1."

RIGHT TO ACCEPT, TO REJECT, AND TO WAIVE DEFECTS

The Owner reserves the right to accept any proposal, to reject any or all proposals, and to waive defects or irregularities in any proposal. In particular, any alteration, erasure or interlineation of the contract documents and of the form of proposal shall render the accompanying proposal irregular and subject to rejection by the Owner. Proposals which are clearly unbalanced will also be considered as irregular and subject to rejection by the Owner.

AWARD AND EXECUTION OF CONTRACT

The contract shall be deemed as having been awarded when formal notice of award shall have been duly served by the Owner upon the bidder.

The bidder to whom the contract shall have been awarded will be required to execute the Agreement in the form attached hereto and to furnish surety, all as required in the proposal form. In case of his refusal or failure to do so, he will be considered to have abandoned all his rights and interests in the award, and his bid deposit may be declared forfeited to the Owner, and the work may be awarded to another.

TIME

Bidder's attention is directed to the Time and Liquidated Damages clauses in the Agreement.

PERFORMANCE BOND

The successful bidder will be required to execute a Performance Bond in the form attached hereto with sureties acceptable to the Owner; the Performance Bond is to be executed to the Owner, to be in the amount of one hundred percent (100%) of the full contract price, and to be conditioned for the faithful fulfillment of the contract and to include the protection of the Owner from all liens and damages arising out of the work.

WRITTEN OR ORAL EXPLANATIONS

Should a bidder find discrepancies in or omissions from the contract documents or specifications, or should he be in doubt as to their meaning, he should at once notify the Engineer and request an interpretation thereof. The Engineer will thereupon promptly send written instructions in an addendum to all bidders. The Owner will not be responsible for any oral instructions.

WITHDRAWAL OF BIDS

Any bidder who has submitted a proposal to the Owner may withdraw his bid at any time prior to the scheduled time for the receipt of bids. No bidder may withdraw his bid after the time stated in the Advertisement for opening bids for a period of sixty (60) days thereafter.

DELIVERY OF EQUIPMENT

The Contractor shall not proceed with fabrication or shipment of any materials or equipment until written notification to proceed is made by the Engineer. Any time beyond the number of calendar days stated by the Contractor to complete delivery of the equipment, as requested by the Engineer to defer complete shipment, shall be considered as an extension of time to this contract.

EQUIPMENT DATA SHEET

Bidders attention is directed to the Equipment Data Sheet included in the equipment specification section. The Equipment Data Sheet shall be filled in completely and submitted with the Proposal together with any supplemental information explaining in detail any special equipment or material offered. The purpose of the data sheet is to furnish the Owner the necessary information to evaluate the equipment proposed. Failure to furnish all the information requested will make the Proposal subject to rejection by the Owner.

PROPOSAL

To the Mayor and Board of Public Works
Fort Wayne, Indiana

The undersigned, having familiarized themselves with the conditions to be met in the execution of the work, and having read and examined the Instructions to Bidders, Agreement, Bond Forms and Specifications on file at the offices of the Board of Public Works and the Consulting Engineers, hereby propose to furnish the specified clarifier mechanisms, f.o.b. factory with freight allowed to Fort Wayne, Indiana, and complete with all appurtenances, and in full accordance with the specifications pertaining to this work for the following lump sum price to wit:

For the two clarifier mechanisms, complete, the total contract sum of Forty One Thousand
SEVEN HUNDRED & SEVENTY- Dollars (\$ 41,774⁰⁰).
FOUR

For the equipment offered, there is enclosed herewith manufacturer's cuts, and appropriate detail data entered in the prescribed forms.

The undersigned hereby agrees that, if this foregoing proposal shall be accepted by the Owner, he will complete delivery of the equipment under this contract within 170 consecutive calendar days after being notified to proceed with the work.

The undersigned states that he has constructed water clarification mechanisms of the size and type offered in this proposal, or larger units of the same type, and that the location, owner, tank size and number of years in operation of at least ten of these units now in service, or of a smaller number if ten cannot be cited, are as follows:

<u>Location</u>	<u>Owner</u>	<u>Tank Size</u>	<u>No. of Years in Operation</u>
-----------------	--------------	------------------	--------------------------------------

SEE ATTACHED INSTALLATION LIST

The undersigned hereby agrees that, if this foregoing proposal shall be accepted by the Owner, he will, within ten days after receiving notice of such acceptance (Sundays and legal holidays excepted), enter into contract in the appropriate attached form to furnish the equipment and do the work on the basis on which his proposal was accepted, at and for the price named in his proposal, and will furnish to the Owner such sureties for the full performance of said contract as shall be approved and accepted by the Owner.

The undersigned attaches hereto a (certified check/bidders bond) in the sum of TWO THOUSAND
EIGHTY EIGHT $\frac{79}{100}$ Dollars (\$ 2088.70),

as required by the Instructions to Bidders, and the undersigned hereby agrees that, in case he shall fail to fulfill his obligations under the foregoing proposal and agreement, the Owner may, at its option, determine that the undersigned has abandoned all his rights and interests in such contract and that the bid deposit accompanying his proposal has been forfeited to the Owner, but otherwise the said bid deposit shall be returned to the undersigned upon the execution of such contract and the acceptance of his bond.

Dated and signed at CHICAGO, State of ILLINOIS,

this 30TH day of MAY, 19 72

John R. Sperry Div. V.P.

TO BE EXECUTED BY BIDDER AND SURETY COMPANY BEFORE DEPOSITING BID:

BIDDER'S BOND

Know All Men By These Presents:

That we, Bidders Bond Attached

as Principal and _____

and _____

as Sureties, are held and firmly bound unto the City of Fort Wayne, Indiana, in the sum of _____

_____ Dollars (\$ _____).

to be paid to the said City of Fort Wayne, Indiana, or its successors or assigns, for the payment of which, well and truly to be made, we hereby bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

Signed and sealed at _____,

this _____ day of _____, 19__.

The condition of this obligation is such that if the accompanying bid or proposal of _____

_____, made this day to the City of Fort Wayne, State of Indiana, is accepted, and the contract awarded to the above bidder, and the bidder shall, within ten (10) days after such award is made, enter into a contract with the City of Fort Wayne, State of Indiana, for the work bid upon, and give bond as required; then this obligation shall be null and void; otherwise, it shall remain in full force and effect.

Signed at _____, this

_____ day of _____, 19__.

PRINCIPAL

SURETY

GENERAL FORM NO. 96-A

Prescribed by the

STATE BOARD OF ACCOUNTS OF INDIANA

STANDARD QUESTIONNAIRES AND
FINANCIAL STATEMENT FOR BIDDERS

Prescribed by the

STATE BOARD OF ACCOUNTS OF INDIANA

For use in investigating and determining the qualifications of bidders on public construction when the aggregate cost of any such work or improvement will be Five Thousand Dollars or more.

These statements to be submitted under oath by each bidder with and as a part of his bid, as provided by Chapter 306, Page 1248, Acts of 1947 *

Submitted to

City of East Wayne

(A Corporation

(A Co-Partnership

(An Individual

By

John R. Sperry Dnr. V.P.

Address

Walker Process Equip Dnr CBI
840 N. Russell Ave - Aurora, Ill

Filed

June 7, 1972

60506

*

AN ACT concerning the awarding of contracts for the performance of public work and authorizing the Board of Accounts to prescribe certain forms to be used in ascertaining the responsibility of contractors who submit bids for the performance of such work.

EXPERIENCE QUESTIONNAIRE AND

PLAN AND EQUIPMENT QUESTIONNAIRE

Submitted by Walper Process Equip, Div CBI (An Individual)
John R. Sperry, Div V.P. (A Co Partnership)
 (A Corporation)

With Principal Office at Aurora, Illinois

Submitted to City of East Wayne

EXPERIENCE QUESTIONNAIRE

The signatory of this Questionnaire guarantees the truth and accuracy of all statements and of all answers to interrogatories hereinafter made.

1. How many years has your organization been in business as a general contractor under your present business name?

Over 25 years

2. How many years experience in construction work has your organization had?

Over 25 years

(a) As a general contractor? —

(b) As a sub-contractor? at Equipment Sales over 25 yrs.

3. What projects has your organization completed?

Contract Amt.	Class of Work	When Completed	Name & Address of Owner
Not applicable to Walper Process-Equip.			
Mfg only			
Many contracts completed by parent Co- CBI			

- 3A. What projects has your organization now in process of construction?

Contract Amt.	Class of Work	When Completed	Name & Address of Owner
Same as above			

4. Have you ever failed to complete any work awarded to you?

No

If so, where and why?

5. Has any officer or partner of your organization ever been an officer or partner of some other organization that failed to complete a construction contract?

No

If so, state name of individual; other organization and reason therefor:

6. Has any officer or partner of your organization ever failed to complete a construction contract handled in his own name?

No

If so, state name of individual, other organization and reason therefor:

7. In what other lines of business are you financially interested?

None

8. For what corporations or individuals have you performed work, and to whom do you refer?

Walker Process Only

9. For what cities have you performed work and to whom do you refer?

Many as Equipment Sales
including City of Fort Wayne

10. For what counties have you performed work and to whom do you refer?

Not applicable

11. For what State Bureau or Departments have you performed work and to whom do you refer?

Not applicable

PLAN AND EQUIPMENT QUESTIONNAIRE

The signatory of this questionnaire guarantees the truth and accuracy of all statements and of all answers to interrogatories hereinafter made.

1. In what manner have you inspected this proposed work? Explain in detail.

Three Engineers P & S

2. Explain your plan or layout for performing the proposed work?

Equipment Mfg. only

3. The work, if awarded to you, will have the personal supervision of whom?

WPE Engineering & Service Dept.

- *4. Do you intend to do the hauling on the proposed work with our your forces?

Not applicable

If so, give amount and type of equipment to be used:

- *5. If you intend to sublet the hauling or perform it through an agent, state amount of sub-contract or agent's contract, and, if known, the name and address of sub-contractor or agent, amount and type of his equipment and financial responsibility.

Not applicable

* Items 4, 5, 6 and 7 may not be applicable in all building contracts; if not, omit.

- *6. Do you intend to do the grading on the proposed work with your own forces?

Not applicable

If so, give type of equipment to be used:

- *7. If you intend to sublet the grading or perform it through an agent, state amount of sub-contract or agent's contract, and, if known, the name and address of sub-contractor or agent, amount and type of his equipment, and financial responsibility.

Not applicable

8. Do you intend to sublet any other portions of the work?

No

None

[illegible][illegible]

11. What equipment do you intend to purchase for use on the proposed work, should the contract be awarded to you?

Quantity	Item	Description, Size Capacity, Etc.	Approximate Cost
	<i>Not applicable</i>		

12. How and when will you pay for the equipment to be purchased?

Not applicable

13. Do you propose to rent any equipment for this work?

Not applicable

If so, state type, quantity and reason for renting:

14. Have you made contracts or received firm offers for all materials within prices used in preparing your proposal? Do not give name of dealers or manufacturers.

None

Dated at Aurora, Illinois This 2nd day of June, 1972.

Walker Process Equip
Name of Organization
Div. - CBI

By John R. Sperry
Divisional V.P.
Title of Person Signing

STATE OF Illinois)
COUNTY OF Kane) SS

John R. Sperry being duly sworn deposes
and says he is Divisional Vice President
of the above Walker Process Equip. Div. of CBI
Name of Organization

and that the answers to the questions in the foregoing questionnaires and all statements therein contained are true and correct.

Subscribed and sworn to before me this

2nd day of
June, 1972

Joyce M. New
Notary Public

My Commission expires 12-8-73



CONTRACTOR'S FINANCIAL STATEMENT

Walker Process Equip, DIV. CBI

Submitted by: John R. [Signature]

(An Individual)
(A Co-Partnership)
(A Corporation)

With principal office at Aurora, Ill

Refer to attached CBI, 1971 Annual Report
Conditions at Close of Business for this section 1971

	<u>Assets</u>	<u>Elsewhere</u>	<u>Dollars & Cents</u>
1.	Cash: (a) on hand \$ _____ (b) in Bank \$ _____ (c) \$ _____		
2.	Notes Receivable (a) Due within 30 days _____ (b) Due after 90 days _____ (c) Past due _____		
3.	Accounts receivable from completed contracts, exclusive of claims not approved for payment _____		
4.	Sumns earned on uncompleted contracts as shown by Engineer's or Architect's estimate (a) Amount receivable after deducting retainage _____		
5.	Accounts receivable from sources other than construction contracts _____		
6.	Deposits for bids or other guarantees: (a) Recoverable within 90 days _____ (b) Recoverable after 90 days _____		
7.	Interest accrued on loans, securities, etc. _____		
8.	Real Estate: (a) Used for Business purposes _____ (b) _____		
9.	Stocks & Bonds: (a) Listed-present market value _____ (b) Unlisted-present market value _____		
10.	Materials in stock not included in Item 4 (a) for uncompleted contracts (present value) _____ (b) Other materials (present value) _____		
11.	Equipment, book value _____		
12.	Furniture & Fixtures, book value _____		
13.	Other Assets _____		
TOTAL ASSETS			

LIABILITIES

1. Notes Payable: Amount
- (a) To Banks regular _____
- (b) To Banks for certified checks _____
- (c) To others for equipment obligations _____
- (d) To others exclusive of equipment obligations _____
2. Accounts Payable:
- (a) Not past due _____
- (b) Past due _____
3. Other Liabilities _____
4. Reserves _____
5. Capital Stock paid up:
- (a) Common _____
- (b) Common _____
- (c) Preferred _____
- (d) Preferred _____
6. Surplus (net worth) _____

TOTAL LIABILITIES _____

CONTINGENT LIABILITIES

1. Liability on notes receivable, discounted or sold _____
2. Liability on accounts receivable, pledged, assigned or sold _____
3. Liability as bondsman _____
4. Liability as guarantor on contracts or on accounts of others _____
5. Other contingent liabilities _____

TOTAL LIABILITIES _____

DETAILS RELATIVE TO ASSETS

1. Cash	(a) On Hand _____ \$ _____ (b) Deposited in banks named below _____ (c) Elsewhere-(State where) _____	\$ _____
---------	---	----------

Name of Bank	Location	Deposit in Name of	Amount

2. *Notes Receivable	(a) Due within 90 days _____ (b) Due after 90 days _____ (c) Past Due _____	\$ _____ \$ _____ \$ _____
----------------------	---	----------------------------------

Receivable From Name and Address	For What	Date of Maturity	How Secured	Amount Amount

Have any of the above been discounted or sold? _____
 If so, state amount, to whom, and reason _____

3. *Accounts receivable from completed contracts exclusive of claims not approved for payment	\$ _____
--	----------

Name & Address of Owner	Nature of Contract	Amount of Contract	Amount Receivable

Have any of the above been assigned, sold or pledged? _____
 If so, state amount, to whom, and reason _____

*List separately each item amounting to ten percent or more of the total and combine the remainder.

Sums earned on uncompleted contracts as shown by Engineer's or Architect's estimate:

4. *(a) Amount receivable after deducting retainage \$ _____
 (b) Retainage to date due upon completion of Contract \$ _____

Designation of Contract and Name & Address of Owner	Amount of Contract	Amount Earned	Amount Received	Retainage		Amount Exclusive of Retainage
				When Due	Amount	

Have any of the above been sold, assigned, or pledged?

If so, state amount, to whom, and reason _____

5. *Accounts receivable not from construction contracts \$ _____

Received From	Name & Address	For What	When Due	Amount

What amount, if any is past due? \$ _____

*List separately each item amounting to 10 percent or more of the total and combine the remainder.

6. Deposits with bids or otherwise as guarantees \$ _____

Deposit with Name & Address	For What	When Recoverable	Amount

7. Interest accrued on loans, securities, etc. \$ _____

On What Accrued	To be Paid When	Amount

8. Real Estate (a) Used for business purposes \$ _____
 Book Value (b) Not used for business purposes \$ _____

Description of Property	IMPROVEMENTS		Total Book Value
	Nature of Improvements	Book Value	
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
Location	Held in Whose Name	Assessed Value	Amount of Encumbrances
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			

11. *Equipment at book value					\$	
Quantity	Description & Capacity of Item	Age of Items	Purchase Price	Depreciation Charge Off	Book Value	

Are there any liens against the above _____

If so, state total amount \$ _____

12. Furniture & Fixtures at Book Value \$ _____

13. Other Assets		\$	
Description	Amount		

* If two or more items are lumped together above, give the sum of their ages.

TOTAL ASSETS \$ _____

DETAILS RELATIVE TO LIABILITIES

1. Notes Payable	(a) To Banks, regular	\$ _____
	(b) To Banks, for certified checks	\$ _____
	(c) To others for equipment obligations	\$ _____
	(d) To others exclusive of equipment obligations	\$ _____

To Whom	Name & Address	What Security	When Due	Amount

2. Accounts Payable	(a) Not past due	\$ _____
	(b) Past due	\$ _____

To Whom	Name & Address	For What	Date Payable	Amount

3. Real Estate Encumbrances (See Item 8, Assets)	\$ _____
--	----------

4. Other Liabilities \$

[illegible]

5. Reserves	\$
-----------------------	----

Interest	Insurance	Bldg. & Fixt.	Plant Depr.	Taxes	Bad Debts	
\$	\$	\$	\$	\$	\$	\$

6. CAPITAL STOCK PAID UP	(a) Common	\$
	(b) Preferred	\$

7. SURPLUS \$

TOTAL LIABILITIES \$

If a corporation answer this:

Amount for which incorporated \$ _____

Capital paid in cash _____ \$ _____

When incorporated _____

In what State _____

Names and titles of all persons having authority to execute and receipt estimate vouchers and to conduct other business for the corporation, including its officers, the signatures of whom are legally binding.

Do you have necessary "Certificate of Authority" to transact corporate business in this state, under the terms of Chapter 215, Acts of 1929 and Acts amendatory thereto? _____

If a co-partnership answer this:

Date of organization _____

State whether co-partnership is general, limited or association, _____

Give the names, address and proportional interests of all parties:

<u>Name</u>	<u>Address</u>	<u>Share</u>
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____

The name of the partnership firm under which the above partners are operating is:

Give names and titles of all persons having authority to execute and receipt estimate vouchers and to conduct other business for the partnership, the signatures of whom are legally binding.

The undersigned hereby declares: That the foregoing is a true statement of the financial condition of the individual, co-partnership or corporation herein first named, as of the date herein first given; that this statement is for the express purpose of inducing the party to whom it is submitted to award the submitter a contract; and that any depository, vendor or other agency herein named is hereby authorized to supply such party with any information necessary to verify this statement.

NOTE: A co-partnership must give
firm name and signatures of
all partners. A corporation
must give full corporate name,
signature of official and affix
corporate seal.

AFFIDAVIT FOR INDIVIDUAL

STATE OF _____)
) SS:
COUNTY OF _____)

_____ being duly
sworn, deposes and says that the foregoing financial statement, taken from his books,
is a true and accurate statement of his financial condition as of the date thereof and
that the answers to the foregoing interrogatories are true.

(Applicant must sign here)

Subscribed and sworn to before me
this _____ day of _____, 19 ____.

Notary Public

AFFIDAVIT FOR CO-PARTNERSHIP

STATE OF _____)
COUNTY OF _____) SS

_____ being duly sworn,
deposes and says that he is a member of the firm of:

that he is familiar with the books of said firm showing its financial condition; that the foregoing financial statement, taken from the books of the said firm, is a true and accurate statement of the financial condition of the said firm as of the date thereof and that the answers to the foregoing interrogations are true.

(Member of firm must sign here)

Subscribed and sworn to before me
this _____ day of _____, 19__.

Notary Public

AFFIDAVIT FOR CORPORATION

STATE OF _____)
COUNTY OF _____) SS

_____ being duly sworn,
deposes and says that he is

of the _____
the corporation described in and which executed the foregoing statement; that he is familiar with the books of the said corporation showing its financial condition; that the foregoing financial statement, taken from the books of the said corporation, is a true and accurate statement of the financial condition of said corporation as of the date thereof and that the answers to the foregoing interrogatories are true.

(Officer must sign here)

Subscribed and sworn to before me
this _____ day of _____, 19__.

Notary Public

NON-COLLUSION AFFIDAVIT

The Bidder, by its officers and _____

agents or representatives present at the time of filing this bid, being duly sworn on their oaths, say that neither they nor any of them have in any way, directly or indirectly, entered into any arrangement or agreement with any, other bidder, or with any public officer of such City of Fort Wayne, Indiana, whereby such affiant or affiants or either of them, has paid or is to pay to such other bidder or public officer any sum of money, or has given or is to give such other bidder or public officer anything of value whatever, or such affiant or affiants or either of them has not directly or indirectly, entered into any arrangement or agreement with any other bidder or bidders, which tends to or does lessen or destroy free competition in the letting of the contract sought for by the attached bids, that no inducement of any form or character other than that which appears upon the face of the bid will be suggested, offered, paid or delivered to any person whomsoever to influence the acceptance of the said bid or awarding of the contract, nor has this bidder any agreement or understanding of any kind whatsoever, with any person whomsoever to pay, deliver to, or share with any other person in any way or manner, any of the proceeds of the contract sought by this bid.

John R. Sperry
Division V.P.

Subscribed and sworn to before me by _____

this 2nd day of June, 1973

My Commission Expires: 12-8-73

John M. Hare
NOTARY PUBLIC

Subscribed and sworn to before me by _____

this _____ day of _____, 19__

My Commission Expires: _____

NOTARY PUBLIC

Subscribed and sworn to before me by _____

this _____ day of _____, 19__

My Commission Expires: _____

NOTARY PUBLIC

CERTIFICATE IN LIEU OF FINANCIAL STATEMENT

I, Not applicable, the See Annual Report
(Name)

(Position) of _____
(Company)

hereby certify:

(1) That the Financial Statement of said company, dated the _____ day of _____, 19 _____, now on file in the office of the Board of Public Works of the City of Fort Wayne, Indiana, which Financial Statement is by reference incorporated herein and made a part hereof, is a true and correct statement and accurately reflects the financial condition of said company as of the date hereof;

(2) That I am familiar with the books of said company showing its financial condition and am authorized to make this certificate on its behalf.

Dated: _____
(Signature)

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State,
this _____ day of _____, 19 _____.

My commission expires:

THE AGREEMENT

THIS AGREEMENT, made the 28th day of June, 1972, by and between
Walker Process Equipment

hereinafter called the "Contractor," and the City of Fort Wayne, Indiana, hereinafter called the "Owner."

WITNESSETH, that the Contractor and the Owner for the considerations hereinafter named agree as follows:

ARTICLE 1. THE WORK. It is agreed that the Contractor shall furnish, f.o.b. factory with freight allowed to Fort Wayne, Indiana, the following equipment and shall perform all work directed in the specifications, "City of Fort Wayne, Indiana, Clarifier Mechanisms, Contract No. 72-W-1," prepared by McNamee, Porter and Seeley, acting as, and in these contract documents entitled, the "Engineer"; and shall do everything required by this Agreement, the drawings, and the specifications.

The description and trade numbers of the units are:

Two (2) new clarifier mechanisms suitable for installation in existing concrete tanks, 84 feet square and 15 feet side water depth complete.

ARTICLE 2. TIME. It is agreed that the Contractor will begin fabrication of the equipment to be furnished under this Contract upon receipt of written notification to proceed from the Engineer and that he will prosecute the work in such a manner as to complete delivery within 170 calendar days after the date of signing and delivery of this agreement to the Contractor except as such time limits may be advanced in accordance with the provisions of Article 3, herein; the time of beginning, rate of progress and date of completion being considered as essential elements of the Contract.

ARTICLE 3. EXTENSION OF TIME. It is agreed that, if the Contractor shall be unavoidably delayed in beginning or fulfilling this contract by reason of acts of Providence, or by general strikes, or by court injunction, or by stopping of the work by the Owner because of any emergency, or public necessity, or by reason of alterations ordered by the Owner, or by any act, neglect, delay, or default on the part of the Owner, the Contractor shall have no valid claim for damages entitled to such an extension or advancement of the time periods specified in Article 2 herein as the Engineer shall adjudge to be just and reasonable; provided, however, that formal claim for such extension shall be made in writing by the Contractor within a week after the date upon which such alleged cause or delay shall have occurred.

ARTICLE 4. LIQUIDATED DAMAGES. It is expressly covenanted and agreed that time is and shall be considered as of the essence of the contract and, in the event that the Contractor shall fail in due performance of the entire work to be performed under this contract, or any certain portions thereof, for which definite stipulations have been agreed to by and at the times herein mentioned and referred to in Article 2, or within some other certain date subsequent to this to which the time limit for the completion of the work may have been advanced under the provisions of Article 3, the Contractor shall pay unto the Owner, as and for the liquidated damages and not as a penalty, the sum of fifty dollars for each and every calendar day that the Contractor shall be in default. Said sum of fifty dollars per day, in view of the difficulty of estimating such damages with exactness, is hereby expressly fixed, estimated, computed, and determined, and agreed upon as the damages which will be suffered by the Owner for reason of such defaults. It is also understood and agreed that the liquidated damages hereinbefore mentioned are in lieu of the actual damages arising from such breaches of this contract, which said sums the Owner shall have the right to deduct from any moneys in its hands otherwise due or to become due to the Contractor or to sue for and recover compensation or damages for nonperformance of this contract at the time stipulated herein and provided for.

ARTICLE 5. ASSIGNMENT OF CONTRACT. It is agreed that the Contractor shall not assign or transfer this contract or sublet any part of the work embraced in it, except with the written consent of the Owner to do so.

It is further agreed that all parts of the work which may be performed by a subcontractor shall conform to the drawings and specifications and be subject to all the provisions of this Agreement exactly as if performed by the Contractor and his immediate employees and workmen. No subletting of the work shall in any way diminish or weaken the responsibility of the Contractor for all parts of the work or lessen his obligations and liabilities under this Agreement.

ARTICLE 6. TERMINATION FOR BREACH. It is agreed that, if at any time the Contractor should be adjudged bankrupt, or if he should make a general assignment for the benefit of his creditors, or if a receiver should be appointed on account of his insolvency, or if he should persistently or repeatedly fail to maintain a satisfactory manufacturing schedule, or should he substantially fail to meet his delivery dates, or if he should substantially fail to meet the guarantees, then in such case, upon the certificate of the Engineer stating that sufficient cause exists to justify such action and stating the nature of such cause, the Owner, after giving the Contractor and his sureties written notice thereof, may terminate the contract.

ARTICLE 7. GENERAL STIPULATIONS.

Patents and Patent Rights. The Contractor shall protect and save the Owner harmless against all claims or actions brought against the Owner by reason of any actual or alleged infringement upon patent rights in any article, material, process, machine, or appliance used by him in this work.

ARTICLE 8. GUARANTEES. It is agreed that all materials and workmanship furnished hereunder shall be first class and free from defects and that the Contractor will, upon notice and without undue delay, make good or repair without expense to the Owner the whole or any part of the equipment furnished by him hereunder which shall, within a year from the date of acceptance of the completed work, fail or develop unfitness for the purpose for which it is intended as the result of any defect in design, material, or workmanship.

ARTICLE 9. PAYMENT. And it is agreed that in consideration of the faithful and entire performance by the Contractor of his obligations under this contract, the Owner shall pay to him, at the times and in the manner hereinafter stipulated, the following named contract sum:

Forty-one Thousand Seven hundred seventy-four and no/100

Dollars (\$ 41,774.00).

The above contract sum shall be diminished by such sums as the Owner may lawfully deduct and retain as liquidated damages under the provision of Article 4.

Payments to the Contractor for the performance by him of his obligations under this contract shall be made as follows:

Ninety percent (90%) of the pro rata value of materials and equipment received based on manufacturer's invoice approved by the Engineer within thirty days from the date of said invoice.

The remainder of the contract sum following the completion of the Official Acceptance Test.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals in quadruplicate the day and year first above written.

CITY OF FORT WAYNE, INDIANA

BY Don A. Rickard

Mayor

BOARD OF PUBLIC WORKS

Ronald L. Bonar

ATTEST:

Anna L. Smith

Clerk of Board of Works

Approved as to form and execution:

Don H. Logan
Assistant City Attorney

WITNESSES

R. E. Alzeier
L. L. Johnson

CONTRACTOR

Walker Process Equip
Div. of CB&I

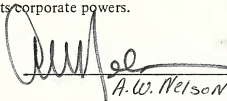
BY John R. Spence

Division Vice President

INSTRUCTIONS FOR EXECUTING AGREEMENT

If the Contractor be a corporation, the following certificate should be executed.

I, A.W. Nelson, certify that I am the ASST. Secretary of the corporation named as Contractor hereinabove; that John R. Sperry, who signed the foregoing agreement on behalf of the Contractor, was then Dir. Vice Pres. of said Corporation; that said agreement was duly signed for and in behalf of said Corporation by authority of its governing body, and is within the scope of its corporate powers.

 (Corporate Seal)
A.W. Nelson

If the agreement be signed by the secretary of the corporation, the above certificate should be executed by some other officer of the corporation, under the corporate seal. In lieu of the foregoing certificate there may be attached to the agreement copies of so much of the records of the corporation as will show the official character and authority of the officers signing, duly certified by the secretary or assistant secretary under the corporate seal, to be true copies.

The full name and business address of the Contractor should be inserted and the agreement should be signed with his official signature. Please have the name of the signing party or parties typewritten or printed under all signatures to the agreement.

If the Contractor should be operating as a partnership, each partner should sign the agreement. If the agreement be not signed by each partner there should be attached to the agreement a duly authenticated power of attorney evidencing the signer's (signers') authority to sign such agreement for and in behalf of the partnership.

If the Contractor be an individual, the trade name (if the Contractor be operating under a trade name) should be indicated in the agreement and the agreement should be signed by such individual. If signed by one other than the Contractor there should be attached to the agreement a duly authenticated power of attorney evidencing the signer's authority to execute such agreement for and in behalf of the Contractor.

CITY OF FORT WAYNE, INDIANA

IMPROVEMENT TO CITY UTILITIES - WATER WORKS DIVISION

PERFORMANCE BOND # 4399976

KNOW ALL MEN BY THESE PRESENTS: That we, the undersigned
Walker Process Equipment, Inc.
Chicago Bridge & Iron Co. OF Aurora, Ill.
WESTERN SURETY COMPANY
As Principal, and _____

_____ OF SIOUX FALLS, SOUTH DAKOTA

as Surety, are held and firmly bound unto the State of Indiana, for the benefit of the City of Fort Wayne, Indiana, in the penal sum of Forty-one thousand seven hundred seventy-four and no/100 Dollars (\$ 41,774.00) for the payment of which we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

Dated this 28th day of June, 1977

The condition of this obligation is such that whereas the above named Principal did, on the 28th day of June, 1977 enter into a contract with the City of Fort Wayne, Indiana, by the terms of which said Principal agreed to perform everything required to be performed and to provide and furnish at his sole cost and expense all the labor, tools, materials, expendable equipment, transportation services, bonds, and insurance required to perform and to complete in a workmanlike manner all the work required in the above-mentioned contract for the sum of Forty-one thousand seven hundred seventy-four and no/100

_____ Dollars (\$ 41,774.00) and to remove and replace any defective or unsuitable materials, equipment or structure at the expense of said Principal which may be apparent or may develop from inferior workmanship or material within one (1) year from the date of final acceptance of the above described work, which contract is made a part of this bond the same as set forth herein:

Now, if said principal shall well and faithfully do and perform the things agreed by him, them, or it to be done and performed according to the terms of said contract, and shall pay all lawful claims or indebtedness which may accrue, by operation of law or otherwise, to any persons, firm or corporation on account of any labor or service performed or material furnished or service rendered, in the carrying forward, performing, and completing of said contract; we agreeing and assenting that this undertaking directly insures to the benefit of Subcontractors, laborers, materialmen, and those performing service on account of or directly in connection with the completion of said contract, as well

as for the obligee herein; then this obligation shall be void, otherwise the same shall remain in full force and effect; and

IT IS HEREBY EXPRESSLY UNDERSTOOD AND AGREED, and made a condition hereof, that any judgment rendered against the City of Fort Wayne, as aforesaid, in any suits for damages for injury to real or personal property, or for any injury sustained by any person growing out of any act or doing of said Contractor, or its agents, employees or workmen in the premises, and also that any judgment of any court or award of any Board of Arbitrators or of the State Industrial Board of the State of Indiana rendered against the City of Fort Wayne in any suit or claim arising under said Workmen's Compensation Acts, of the State of Indiana, now in force, relating to compensation for accidental injuries or death suffered by his employees or the employees of any Subcontractor or Subcontractors in the course of their employment, when notice of the pendency of such suit, hearing or arbitration shall have been given said Contractor, shall be conclusive against each and all parties to this obligation, as to amount, liability and all other things pertaining thereto.

Said surety for value received hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same, shall in any wise affect its obligation on this bond and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications. No change, modification, omission, or addition in and to the terms or conditions of said contract, plans, specifications, drawings, or profile, or any irregularity or defect in said contract or in the proceedings preliminary to the letting and awarding thereof shall in any way effect or operate to release or discharge said surety and the provisions and conditions of Chapter 258 of the Acts of the General Assembly of Indiana, of 1933, shall be, operate as, and become a part of the terms of this bond and said contract the same as if incorporated herein.

IN WITNESS WHEREOF, we have this 28th day of June, 1972, affixed our signatures and corporate seals to three (3) executed original copies of this agreement.

Walker Process Equip
Div of C.B.#1
PRINCIPAL

BY John R. Sperry Div. V.P.
AUTHORIZED AGENT
WESTERN SURETY COMPANY

SURETY
BY L. D. Penny
L. D. PENNY, Assistant Secretary

ACKNOWLEDGMENT OF SURETY
(Corporate Officer)

STATE OF ILLINOIS }
County of Cook }

On this _____ day of _____, 19____, before me, a Notary Public in and

for said County, personally appeared J. P. KENNY Assistant Secretary
personally known to me, who being by me duly sworn, did say that he is the aforesaid officer of the WESTERN
SURETY COMPANY of Sioux Falls, South Dakota, a corporation duly organized and existing under the laws of the
State of South Dakota, that the seal affixed to the foregoing instrument is the corporate seal of said corporation,
that the said instrument was signed, sealed and executed in behalf of said corporation by authority of its Board of
Directors, and further acknowledge that the said instrument and the execution thereof to be the voluntary act and
deed of said corporation.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal at Chicago, Illinois,
the day and year last above written.

My commission expires

May 12 73, 19____

[Signature]
Notary Public, Cook County, State of Illinois

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

This Power of Attorney authorizes the execution of one instrument to which it should be attached.

That the Western Surety Company, a corporation, does hereby make, constitute and appoint each of the following officers, of Chicago, Illinois, Attorney in Fact, with full power and authority conferred upon him or her to sign, execute, acknowledge and deliver for and on its behalf as Surety and its act and deed, any one bond, indemnity or undertaking, consent or agreement which this Company may be authorized to write:

J. J. SCHMITT, Vice President

J. J. FOX, Vice President

J. D. DUNN, Assistant Secretary

D. DAVIES, Assistant Secretary

J. J. MILLETTE, Assistant Secretary

J. C. RUGEN, Assistant Secretary

R. M. NESTLER, Assistant Secretary

K. E. NIEDZWIEDZ, Assistant Secretary

The Western Surety Company further certifies that the following is a true and correct copy of Section 7 of the By-Laws of the Western Surety Company, duly adopted and now in force, to-wit:

Section 7. "All bonds, policies, undertakings or other obligations of the corporation shall be executed in the corporate name of the Company by the Chairman of the Board, the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The Chairman of the Board, the President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, or other obligations of the corporation."

In Witness Whereof, the said Western Surety Company has caused these presents to be executed by its President with its corporate seal

affixed this _____ day of _____, 19____

WESTERN SURETY COMPANY

ATTEST

By

Joe Kirby

President

C. Schmidt

Assistant Secretary

STATE OF SOUTH DAKOTA }
COUNTY OF MINNEHAHA }

On this _____ day of _____, 19____, before me, a Notary Public,

personally appeared Joe Kirby, President, and *C. Schmidt, Asst. Secy*, who, being by me duly sworn, acknowledged that they signed the above Power of Attorney as President and Assistant Secretary, respectively, of the said Western Surety Company, and acknowledged said instrument to be the voluntary act and deed of said corporation.

My commission expires _____

JOSEPH T. LUCAS, Notary Public

My Commission Expires 6-22-76, 19____

JOSEPH T. LUCAS

Notary Public

STATE OF Illinois
~~INDIANA~~)
 Kane) SS:
COUNTY OF ~~ALLEN~~)

Before me, a Notary Public, in and for said State,
came John R. Sperry, as
Principal, and L.D. Penny,
of the Western Surety Co.,
Attorney in Fact, for said Company,
as surety, with both of whom I am personally acquainted, and acknowledge that they subscribed their
signatures to the above and foregoing bond.

Subscribed to before me, a Notary Public, this 25th day of June, 1972

James M. New
NOTARY PUBLIC

My commission expires 1st day of December, 1973.

1. CLARIFIER MECHANISMS

SCOPE OF WORK

This work shall include the furnishing, f.o.b. factory with freight allowed to Fort Wayne, Indiana, of two clarifier mechanisms suitable for installation in existing concrete tanks at the Three Rivers Filtration Plant, complete with accessories and as shown on the drawings.

SPECIFICATIONS BY REFERENCE

Where reference is made to standards of any technical society, association, governmental agency, etc., it is understood and agreed that such specifications or standards are a part of these specifications as though fully repeated herein.

The following listed letters or abbreviations shall be interpreted as follows:

"ASTM" - The American Society for Testing Materials
"ANSI, ASA" - The American National Standards Institute

"AISC" - The American Iron and Steel Institute

"ASME" - The American Society of Mechanical Engineers

"AFBMA" - Anti-Friction Bearing Manufacturer's Association

"AGMA" - American Gear Manufacturer's Association

"NEC" - The National Electric Code

"NEMA" - The National Electrical Manufacturers Association

Reference to standard specifications or codes shall mean the latest standard, code, specification or tentative specification adopted and published at the date of taking bids, unless specifically stated otherwise.

STRUCTURAL STEEL

The maximum allowable stresses on structural steel members under continuous torque loading shall not exceed those permitted by the AISC Specifications for the Design, Fabrication, and Erection of Structural Steel for Buildings. All structural steel members and shapes shall meet the requirements of ASTM designation A36. Structural assemblies shall be shipped in sections as large as feasible to minimize field erection.

DESCRIPTION

The sludge collecting mechanisms shall be capable of sweeping the sludge collected on the floor of the tank in an area formed by an 84 feet diameter circle. Corner sweeps are not required.

Each sludge collecting mechanism shall be supported by an existing concrete column, as shown on the drawings, with a central driving mechanism which shall rotate a central cage or drum supporting two collector arms each approximately equal in length to the radius of the tank.

MATERIALS AND WORKMANSHIP

All parts of the sludge collecting mechanism shall be

amply proportioned for all stresses which may occur during fabrication, erection, and operation of the equipment. Duplicate parts shall be interchangeable. A minimum of one center cage and one rake arm shall be shop assembled prior to shipment in the event the Engineer elects to inspect this fabrication prior to shipment. Inspection of one shop setup shall confirm that all parts will be made as duplicates; each machine will be color coded and each part to be assembled will be match-marked to its mating part. Such shop inspection may be waived at the discretion of the Engineer.

Each machine shall be designed for a minimum torque rating of 200,000 ft-lbs. The operating torque for which the machine is to be designed to operate is 100,000 ft-lbs, at which load the motor circuit shall be de-energized. An alarm shall be sounded at 85% of the cutout torque or equal to 85,000 ft-lbs. This is the torque required for normal operation of the machine on a 24-hour continuous basis. Stall torque shall be twice the continuous duty operating torque.

With reference to the center mechanism and the drive head, the turntable and gear teeth shall be designed for a continuous operating torque of 100,000 ft-lbs and this is based on the safe dynamic strength of the gear teeth to withstand the repeated impact loads of the specified surface. The surface endurance of the gear materials and the life of the bearings shall be adequate to withstand short periods of dynamic load capacity of the gears. In addition, dynamic load capacity of the drive head and center mechanism as momentary starting torque or as a sudden buildup of torque shall be 234,000 ft-lbs.

All iron castings, unless otherwise specified below, shall be of tough close-grain, grey iron, free of blow-holes, flaws, or excessive shrinkage. All castings shall meet the requirements of ASTM designation A-48. All castings, unless otherwise specified, shall be of high grade cast iron having a tensile strength of not less than 40,000 psi, yield strength of not less than 30,000 psi, a compressive strength of not less than 15,000 psi, a coefficient of elasticity of not less than 17,000,000 and a Brinell hardness of not less than 196.

NODULAR IRON

Nodular iron, where specified, shall be grade 80-60-03 having a tensile strength of 80-100,000 psi, a yield strength of not less than 70,000 psi, an elongation of not over 3% and a test bar minimum 2-inch length, and a Brinell hardness of 210 to 240 as cast and nodular iron shall meet ASTM designation A-536-65T.

Meehanite, where specified, shall be type GM, to meet ASTM designation A-48-60T with a Brinell hardness of 217 as cast.

CENTER COLUMN

The existing concrete center column is approximately 2-feet, 7-inches in diameter. An adapter plate and/or

spool section, constructed of 1/2-inch minimum thickness steel plate, shall be furnished to mount the new drive head on the existing anchor bolts.

CENTER DRIVE MECHANISM

The center drive mechanism to be mounted on the existing center column shall consist of a turntable base, ball race, strip liners and split internal gear, and shall be so designed that the balls, strip liners and split internal gear can be removed without removing the walkway. The turntable base of high grade cast iron and the internal gear of nodular iron, shall have an annular ball race near the circumference of sufficient diameter to provide stability without the necessity for underwater guide shoes or bearings, and to assure a long life by having a low unit ball loading. The ball race shall use chrome alloy steel balls which shall bear vertically and horizontally on renewable special hardened steel liner strips press fitted into the turntable base and internal gear casting.

The balls shall run in an oil bath and be protected by felt seals. The top of the turntable base shall form a platform to provide convenient access to the drive mechanism.

The internal gear shall be provided with mounting lugs for attaching the center cage and shall be rotated by a pinion keyed to the reduction drive unit mounted on the turntable base.

The split internal gear shall be fabricated of nodular iron with 220 Brinell as cast. The pinion gear with integral shaft shall be of nodular iron hardened to 460 Brinell.

REDUCTION DRIVE UNIT

The internal gear drive reduction unit shall be bolted to the turntable base and shall rotate the main drive gear by means of a pinion gear. The reduction unit shall consist of a worm gear driven by a worm supported on anti-friction bearings and operating in an oil bath.

The worm and worm shaft shall be an integral unit fabricated of nodular iron hardened to 340 Brinell. The worm gear shall be fabricated of Meehanite GM and be comprised of two parts, a rim and a spider. Each part shall be shouldered and doweled for concentricity.

The thrust of the worm shaft shall be taken by a thrust bearing restrained by the overload device.

The worm gear and worm shall be enclosed in a high grade cast iron housing with a cover over the worm gear and a removable inspection cover over the worm.

The pinion with integral shaft shall be keyed to the worm gear and supported by upper and lower anti-friction bearings spaced a suitable distance apart vertically for stability. The upper roller bearing inner race (stationary) shall be mounted in the worm gear housing and the outer race (rotating) shall be mounted

in the worm gear hub. The lower roller bearing inner race (rotating) shall be mounted on the lower section of the pinion shaft and the outer race (stationary) shall be mounted in the turntable base.

All anti-friction bearings shall be rated for 17,000 hours minimum B-10 rating at maximum endurance loads.

The upper and lower bearings shall operate in a constant oil bath provided by two oil levels. Ample provisions shall be provided to readily inspect and check oil levels in the turntable and in the worm gear reduction unit. Oil sight gauges and/or dipsticks shall be provided for this purpose.

The worm shaft shall be driven through a chain and sprocket drive, roller chain type, equipped with a suitable safety guide, totally enclosed, of mild steel construction, hot dipped galvanized after fabrication.

The primary source of power shall be a motor-speed reducer combination, mounted on a common base plate such that either the speed reducer or the motor may be dismantled and replaced with minimum realignment.

The motor shaft and the reducer high speed input shaft shall be connected by a flexible coupling, Falk or equal, equipped for grease lubrication.

The motor and speed reducer shall be mounted on a fabricated steel base, minimum 1/2-inch steel plate construction, this base to be mounted above the turntable and at a minimum of 36-inch above the liquid level in the settling tank.

The speed reducer shall be designed with gearing for service conditions rated at 24 hours continuous duty; this speed reducer shall be AGMA Class I with an inherent minimum service factor of 1.4.

The drive unit shall be equipped with an overload device mounted on the drive unit at the end of the worm shaft. The overload device shall consist of a stainless steel bellows containing hydraulic oil, pressure gauge and a two-setting pressure switch.

The end thrust of the worm shaft pressurizes the oil in the stainless steel bellows to indicate on the pressure gauge and to actuate the switch. The pressure switch shall be preset to sound an alarm in the event of an impending excessive load and to de-energize the motor circuit when an excessive load is reached.

OPERATING PLATFORM AND ACCESS BRIDGE

The turntable top (drive mechanism) shall provide a platform at the center of the tank providing for convenient access to the drive unit for lubrication.

The bridge shall be of steel construction, 36-inches wide, braced for rigidity and shall extend across approximately

one-half the tank diameter. The access bridge shall be supported on the main spur gear housing which, in turn, shall be supported by the existing concrete center pier. The walkway of the bridge shall be fabricated from 1½-inch Borden aluminum grating. A 1½-inch diameter welded double pipe railing 42-inch high, with a 21-inch high middle rail, shall extend along both sides of a beam type bridge. Railings shall be hot dipped galvanized steel and bolted to the bridge with stainless steel bolts.

CENTER CAGE

A rotating center cage or drum of steel construction shall be suspended from the internal gear; the cage shall be constructed of structural steel members with minimum ¾-inch thickness, with gusset plates of steel construction, minimum ¾-inch thickness, and shall be designed to sustain the operating torque of the machine and shall be suitably braced and shall provide connections for the two rake arms, diametrically opposite. The cage shall be fabricated in complete sections insofar as possible and field bolted connections when permanent, shall be made with cadmium plated steel bolts, nuts, and washers.

The connection of the cage to the lugs on the internal gear shall be made with cadmium plated steel bolts, nuts, and washers.

COLLECTOR ARMS

Each center cage shall be arranged to drive two rotating sludge collecting arms. Each rake arm shall be of structural steel, triangular truss construction, conforming to the slope of the tank floor, rigidly connected to the center cage, and shall be provided with scraper blades for the entire length of the rake arm to direct the settled solids to the center of the tank.

The blade setting is to be identical for each rake arm with the blades so spaced that the entire circular portion of the tank bottom is scraped twice for each revolution of the sludge collecting mechanism.

All rake blades shall be equipped with adjustable spring brass squeegees and these squeegees shall project approximately 1½-inches below the bottom of the steel blades and shall be adjustable; squeegees shall be secured by bolts, nuts, and washers of stainless steel construction.

Rake arms shall be all welded construction insofar as possible, if rake arms are furnished in more than one section, field splices shall be furnished with cadmium plated steel nuts, bolts, and washers where permanent.

ELECTRIC MOTORS

Motor design and application shall comply with current ANSI, IEEE, NEMA and AFBA standards and with the NEC where applicable. They shall be squirrel cage induction motors rated 60 hertz, continuous duty for use in a 40°C ambient temperature.

Motors shall be sized such that under the load conditions imposed by the driven equipment, the motor has an additional continuous overload capacity of not less than 15 percent. Motors with a service factor of 1.15 may be applied up to full nameplate horsepower rating excluding service factor and motors with a service factor of 1.00 may be applied up to 87 percent of full nameplate rating. Motors shall have oversize conduit boxes with clamp-type grounding terminals inside which are effectively connected to all non-current carrying motor parts. Motors shall be standard design and construction and shall be manufactured by General Electric, Louis Allis, Westinghouse, U.S. Motors or approved equal.

The motors shall be rated 230/460 volts, three phase. They shall have permanently lubricated sealed bearings and shall have an integral manual-reset thermal protector.

All motors shall be totally enclosed fan-cooled.

ANCHOR BOLTS

Existing anchor bolts shall be utilized as far as possible. Additional anchor bolts shall be furnished with the equipment as required. Anchor bolts, nuts and washers shall be hot-dip galvanized in conformity with ASTM A153 and A385. Templates and drawings shall be furnished for the installation of any additional anchor bolts required.

SHOP PAINTING

All iron and steel surfaces shall be protected by suitable paint or coatings applied at the point of fabrication. Surfaces which will be inaccessible after assembly shall be protected for the life of the equipment.

All iron and steel surfaces which will be totally or partially submerged or located in a continuously or intermittent moist atmosphere during normal operation shall be shop blast cleaned to a Commercial Finish, removing all dirt, rust-scale and foreign matter by any of the recommended methods outlined in the Steel Structures Painting Council Specification SP6-63. The cleaned surfaces shall be primed before any rust bloom forms. All other exposed surfaces shall be properly filled, scraped, sanded, etched, brushed, sandblasted and/or cleaned to provide surfaces free from dirt, loose crystals, rust, scale, oil and grease and shop primed.

Surfaces shall be shop painted with one or more coats of a universal rust-inhibitive primer which can be used on both submerged and nonsubmerged iron and steel and has the ability to accept alkyds, epoxy, vinyl, coal, tar, chlorinated rubber, emulsion, coal tar epoxies, epoxy ester, asphalt and phenolic paints as finish coats. Minimum shop coat thickness shall be 1.5 dry mils. Shop primers shall be Koppers "PUG Primer," Mobil "13-R-50 Chromox Q.D. Primer," or Tnemec "77 Chem-Prime" or approved equal.

Electric motors, speed reducers, and other self-contained or enclosed components shall be shop finished with a chlorinated natural rubber-base enamel coat.

Machined, polished and nonferrous surfaces which are not to be painted or galvanized shall be coated with rust-preventive compound, equal to Dearborn Chemical "No-Ox-Id2W," Houghton "Rust Veto 344," or Rusto-Oleum "R-9."

SPECIAL TOOLS

Any special tools required for the periodic maintenance of the equipment shall be furnished.

LUBRICATION

Equipment shall be adequately lubricated by systems which require attention no oftener than weekly during continuous operation. Lubrication systems shall not require attention during start-up or shutdown and shall not waste lubricants.

Lubrication points shall be easily accessible with all points of application provided with standard fittings for greases or placing oil.

Lubricants of the type recommended for the equipment furnished shall be provided in sufficient quantity for all consumption prior to completion of required testing and acceptance of equipment by the Owner.

SAFETY GUARDS

All belt or chain drive, fan blades, couplings, and other moving or rotating parts shall be covered on all sides by a safety guard. Safety guards shall be fabricated from 16 USS gauge or heavier galvanized or aluminum-clad sheet steel or 1/2-inch mesh galvanized expanded metal. Each guard shall be designed for easy installation and removal. All necessary supports and accessories shall be provided for each guard. Supports and accessories, including bolts, shall be hot dip galvanized. All safety guards in outdoor locations shall be designed to prevent the entrance of rain and dripping water.

SHOP DRAWINGS

Shop drawings of all equipment to be furnished shall be submitted to the Engineer for approval in not less than six copies. Shop drawings shall include details, specifications, cuts, schedules and drawings as necessary for the fabrication and erection of the equipment.

Shop drawings should identify the detail as shown on the Contract Drawings and be complete as to the detail of the item and location in the project, materials, the thickness and size of members, the method of joining various components, the quantity, finish, the location and type of anchors, and should include necessary measurements. Shop assemblies which require marking for erection identification, should have easy-to-read markings on the shop and erection drawings. Variations in tolerances or clearance between various items and

materials should also be noted on the shop drawings.

Nameplate data for equipment including electric motors shall be included on Shop Drawings.

Shop Drawings shall indicate shop painting requirements to include type of paint and manufacturer.

Standard manufactured items in the form of catalog work sheets showing illustrated cuts of the items to be furnished, scale details, sizes, dimensions, quantity and all other pertinent information shall be submitted and approved in a similar manner.

Measurements given on the shop drawings or standard catalog sheets, as established from the Contract Drawings and as approved by the Engineer, shall be followed. When it is necessary to verify field measurements, they shall be checked and established by the Contractor.

The Contractor, when submitting drawings for approval, shall call to the attention of the Engineer any modifications or changes in the Drawings, as shown on the shop details, and give the reason for the modifications.

Attention is called to the fact that the Contractor shall submit shop drawings at the proper time to avoid delays, and in no case will the time for completion be extended on account of failure of the Contractor to submit shop drawings as required.

No work shall be undertaken until the Engineer has approved the shop drawings.

The approval of shop drawings by the Engineer shall not relieve the Contractor of responsibility for errors in the drawings as the Engineer's checking is intended to cover compliance with the drawings and specifications and not to enter into every detail of the shop work.

INSTALLATION CHECK

The equipment to be furnished under this contract will be installed under another contract.

The services of an experienced and competent factory representative shall be included in the bid price for this equipment to visit the job site a minimum of four days. One visit for one day shall be prior to installation of the equipment to review installation procedures with the installing contractor. A one-day visit shall be after installation of the equipment to inspect, check, adjust and approve the equipment's installation prior to filling the tanks with water and a two-day visit shall be for placing the equipment in operation, testing its performance and instructing the water plant personnel in the operation and maintenance of the equipment.

A written report shall be submitted to the Engineer

certifying that the equipment furnished under this contract has been properly installed and lubricated, is in accurate alignment, is free from any undue stress, has successfully operated under full load conditions, and may be placed in continuous service.

INSTRUCTIONS AND PARTS LIST

Four copies of a manual containing specifications, drawings, and description of equipment; installation instructions; operating, lubrication and maintenance instructions; parts lists; and wiring diagrams and schematics shall be provided for the equipment furnished.

These manuals shall be in addition to any instructions packed with the equipment and shall be submitted to the Engineer not later than the date of shipment of the equipment. Each manual shall be bound in a heavy fiberboard or hard back cover having indicated thereon the type of equipment, manufacturer's name, and year of purchase.

SHIPPING AND HANDLING EQUIPMENT

All equipment shall be suitably boxed, crated, or otherwise protected to prevent damage during shipment and handling.

SPARE PARTS

The following spare parts shall be furnished with the equipment under this contract:

One (1) worm gear
One (1) worm
Two (2) worm shaft bearings
One (1) pinion shaft ball bearing
One (1) pinion shaft roller bearing
Twelve (12) perfect oil seals
One (1) speed reducer
One (1) hi-speed flexible coupling, Falk or equal

These spare parts shall be delivered to the Owner packed in suitable rigid containers and protected with suitable coatings to prevent corrosion during shipment and prolonged storage. All containers shall be labeled with the name of equipment, name of manufacturer, the part name, the part number, and the name of the Owner. All containers shall be delivered intact with the necessary shipping papers and markings thereon. It shall not be necessary to open the containers to identify the parts contained therein.

GUARANTEE

The Contractor shall furnish to the Owner a written guarantee that the equipment furnished and all parts thereof, material and/or workmanship shall be first class and free from defects and that the guarantor will, upon notice and without undue delay, without expense for the Owner, make good or repair, the whole or any part of the equipment which shall, within one year after the date of acceptance, fail or develop unfitness for the purpose for which it is intended, as a result of any defect in design, material or workmanship.

EQUIPMENT DATA SHEET

The following information is to be furnished by the Bidder and submitted with his Proposal.

1. Total shipping weight of each mechanism: 22,300 #
2. Revolutions per hour: 0.21
3. Dimensions of center cage or drum: 7'-4"
4. Ball race diameter: 85"
5. Pitch diameter of the split internal gear: 80"
6. Motor horsepower: 1 1/2